with matching between components and labels ensured, says Pantone (115 Sandgate Road, Lolkestone, Kent CT20 2BL tel: 0303-259959, fax: 259830).

Since each colour is identitied by a unique reference numher, there is no need to re-check colour accuracy at later stages. Chips come in a range of thicknesses (1,2 and 3mm), with

gloss and mate finishes, and the client can, it necessary, obtain larger chips of a given colour. before making a final decision.

Boots Contract Manufacturing was first introduced to the system by its principal colourant supplier Silvergate

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Quality label designs for **English sparkling wines**

ed in two colours with gold

"Our wines are very high

quality," says Denbies produc-

tion director Hans Schleifer,

foil blocking.

Labels for England's first range of home grown sparkling wines are being printed by Walsall Litho, with designs and quality reflecting the

wines' premium positioning. Denbies Wine Estate in Dorking chose Walsall from, back and neck labels - with the principal labels printed in five colours with gold blocking for its 75cl bottles of Surrey Brut, Classic Brut and Pinor Rose. All three wines are of

N E W

"The labels are printed on white gloss paper with a subtle drawing"

similar qualities to Champagne, says Denbies.

Designed by Windsor Jennings, the labels are printed on white gloss paper with a subtle background graphic. The front labels include a line drawing of the vineyard screened in a different colour for each variety. Neck and back labels are print-

LASER CODING Continued from front page

months in the UK and almost year and a half in the US.

Messages for a typical shift can be installed easily and securely using the company's Data Wand barcode scanner, which is also used on its inkjet printers.

Through targeted field trials, Domino has already secured an order backlog for the technology worth around £500,000. While concentrating n the single head model with

its twinline capability, Domino is also working on twin head versions equipped to code, for example, on different sides of

Gold blocked labels by Walsall Litho for English sparkling wines

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the same carton. A five dot matrix is also possible, but while this will reduce costs, it will not increase coding speeds. A stainless steel cabinet version of the coder is also available.

Domino advises customers installing laser coding to use parallel extraction systems, with filters suited to the partieular substrate being coded. The company will eventually intro-

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duce its own systems, but is currently using other suppliers.

Speed of coding clearly depends on the substrate, and use of the DDC laser would involve a long dwell time in particular on glass. Anticipating the needs of this market, Domino has also invested in research, carried out with United Distillers, into a scribing laser system, which the company

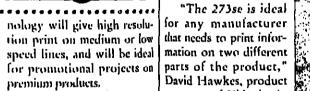
Field trials will begin in 1995 and the system will be available the following year, Domino predicts. This tech-

is the UK's largest vineyard, began by sourcing its wine labels from different suppliers, labels for all its wines are now produced by Walsall (PO Box 26, Midland Road, Walsall WS1 3QL - tel: 01922 721272. fax: 720895). According to Denbies, the label converter provides an excellent service es in any aspect of their proboth in terms of print quality duction. Top quality packaging and delivery times.

> "The style of the labels identifies them as sparkling wines"

"I believe it is the only company which could have produced the labels for these three new wines to the standards we required. They have the style which immediately the style which immediately identifies them as sparkling wines, but they also project the Denbies name very clearly, and the use of gold foil block. and the use of gold foil blocking and the screened background - which is very hard to High quality resolution achieve technically - give at a speed is said to be prounmistakable image of quali- vided by the Excel Series ty," says Mr Schleifer.

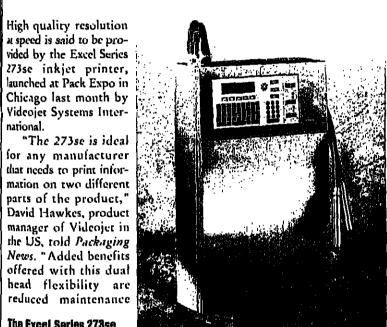
The converter has pro- launched at Pack Expo in duced 25,000 sets of the labels. | Chicago last month by



"Domino has held the view | manager of Videojet in for a long time that it doesn't | the US, told Packaging want all its eggs in one basker," | News. "Added benefits explains Mr Whitesmith, giving the example of the PackTrack | head | flexibility | are mimeographic system for outer case coding.

For more Salon de l'Embaldescribes as "perfect for glass". lage news, see page 23. Interphex news starts on page 36.





of reliability," he said. The provision of

THE COMPLETE NEWS SERVICE FOR BUYERS OF PACKAGING EQUIPMENT, MATERIALS AND SERVICES

six lines of text enables users to deliver more information, code in two locations simultaneously, or deliver two different codes at high speed, says the company (UK: 153 Dixons Hill Road. Welham Green, Herts AL9 7JE - tel: 0707 275844, fax: 275893). The unit can accommodate two separate product detectors and encoders to allow for variations in line speed

The Excel Series 273se Advisory group to precede Valpak

An advisory group, paving the way for the setting up of the industry organisation Valpak, is being set up in the wake of the final report from the PRG (Producer Responsibility Group).

While the industry awaits legislation - announced in the Queen's Speech last month which will include details of a levy to finance the recovery of packaging waste, the Valpak sory Group (V-Wrag) is being formed to prepare a prospec-tus and produce funding for the Industry Organisation Valpak. With the publication of its report, the PRG has completed the task it was set.

V-Wrag will be in existence for between six and nine months, it is estimated, or until the legislation is on the statute

books. Only then will it be clear exactly what form Valpak should take.

Of critical importance is the greater industry representation envisaged with V-Wrag as compared with the PRG. Each of the five Materials Organisations (MOs) will be represented, with other members drawn

work group

from the different stages of the packaging chain. Christopher Stewart-Smith, ex chairman of the PRG, has proposed that he should remain as chairman of the group, with David Harding as director. A 15 member working group is likely.

For many in the chain, it is

A merry Christmas and a profitable

1995 to our readers!

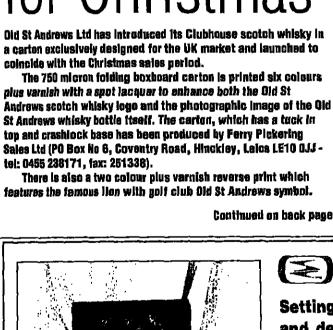
pak should not be lost, and subscriptions of between £10,000 and £15,000 are already being invited by V-Wrag. This will cover professional consultation fees and formation expenses, says Mr Stewart-Smith. But retailers are reportedly unhappy about the pro-

important that momentum

towards the setting up of Val-

the British Retail Consortium welcomes the report, director James May says: "Retailers are concerned that while momentum is not lost, steps should not be taken prematurely to set up an organisation, Valpak or any other, ahead of any legislation."

For more on V-Wrag and the PRG report see page 4.





Salon de l'Emballage show report 6 Pocks, materials and machinery featured at the Paris exhibition.

Marketing hosiery
The advantages of design projects
spanning all ranges are shown.

Pack Expo raport 11-13 We highlight some of the products that drew a record attendance to the Chicago exhibition last month.

Wrap gives protection to Steel Coils

A Swedish company is supplying a corrosion inhibiting stretch film to

Meet the Association 21
A look at the British Fibreboard
Packaging Association.

Pakex plans 23
An early preview of next year's show from the organiser and some exhibitors.

FEATURES

Checkweighing and metal

End user case studies provide specific insights into the latest technology for weight and product security checking.

REGULARS Company News

It was Packaging News then Paople

CLASSIFIED ADS start on page 47 APPOINTMENTS start on page 50





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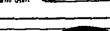
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So, what to make of the interim advisory group - the wonderfully named V-Wrag - which will pave the way for the setting up of the industry organisation Valpak? One thing that should be welcomed, and is probably of critical importance to the future workings of the group, is its much more representative composition.

Unlike the Producer Responsibility Group (PRG) - which was made up mainly of users of packaging - the producers will, we all hope, enjoy a much bigger say in V-Wrag and, eventually, Valpak. Each of the five Material Organisations (MOs) will be represented, with other members drawn from the different stages of the packaging chain, most probably from the various sectoral trade bodies.

Debate continues through the packaging chain, however, centring on whether an independent, separately financed body is necessary at all. According to James May, director general of the British Retail Consortium (BRC) a forum where government could sound out ideas and consult would be sufficient in the lead up to legislation with Incpen - which is likely to supply the secretariat for V-Wrag - able to fulfil this role alone. Certainly, Incpen is well respected throughout the packaging chain, and is close enough to government to act as a capable intermediary.

But V-Wrag insists on the need for an independent organisation in shaping a prospectus for Volpak, while stressing that it should be kept to a minimum in size and scope. Just how many companies will come up with the subscriptions formally pitched at £15,000 to cover V-Wrag's professional consultation fees and formation expenses is, however still unclear. Whatever the wrangling over this aspect of the process, it would be criminal if it was allowed to derail consultations which, most importantly, bypass nobody. Unless, of course, you are a local authority and ultimately responsible for implementing at least

part of the outcome... Gail Lea, Editor

E WES Meeting multiple needs in transit and display

transit and display packing. hoth conventional and robotic, are the focus for end of line machinery introduced by French manufacturer Cermex.

Machines were demontrated to customers at the impany's 20th anniversary presentation at Corcelles les liteaux, brance, and shown at the Paris Salon de l'Emballage and Chicago's Pack Expo.

being worked on for the sys-The 1550 case crector will iem, which in handle multiple formats including case and tray/sleeve many applicacombinations with or without tions flaps. According to Cermex. replace time the system will answer the consuming needs of those packers supplying more than one retailer. the transit

Packing solutions which offer different transit and display options are key to the company's strategy, says md Bernard Brove, "More and more people are looking for alternatives to regular slotted cases in order to reduce costs and use just enough material for the function needed," Mr Broye tells PN.

The company also presented its Bloepack process, which shrinks film anchored inside a case or tray around product prior to transit. Here too, flexibility is key to the system, with the ability to handle different sizes and board grades but also styles such as lidded cases and tood/tray combinations.

According to Dick South of Cermex UK, the system is ideal for products such as books, cassettes or cds. "Any-



packer was Gantry applications can be an ideal compromise

shown at the Paris exhibition gripping collations of bottles and loading them into cases. The company can offer gantry systems which integrate ease erecting and packing, loading layer by layer or row by row. Increasingly, electronics and brushless motors are replacing mechanical systems. says Mr Broye, with the appli-

eation of numerical control axes

The E478

giving greatest flexibility. The gantry option represents the ideal compromise for many companies between robot systems and conventional casepackers, says Cermex (PO Box 12, Huntingdon, Cambs PE186XF - tel: 0480 455919, fax: 451520). Not only

can more difficult products such as unstable bottles be handled than on other casepackers, but installation costs are contained and space savings made.

Cermex is currently exporting almost 50 per cent of its production, and is increasing the autonomy of its Europewide sales offices. Having exhibited three of its machines in Chicago, the company is also cautiously establishing a presence in North America.

Some 250 existing and potential customers attended the celebrations for Cermex's



Incpen celebrates 20 not out

Inepen (The Industry Council for Packaging and the Environment), celebrated its 20th Anniversary last month with a unch in London.

Guest speaker was Michael Heseltine, President of the Board of Trade who had spoken previously in 1980. In his introduction Sir Peter Parker, president of Incpen said: "We are not where we should be, or where we will be, but we are further on than when you last

Mr Heseltine talked of the

competitiveness of the packaging industry being of central importance to the wider success of British industry, "1 place on record today my appreciation of the considerable contribution which the industry is making to the strength and well-being of the UK industry as a whole," he told the assembled guests.

On the current situation regarding the Producer Responsibility Group (PRG), he said that now that it had completed its work, the time

wider industrial representation. "The Environment and Countryside Bill should be enacted in the current Parliamentary session and secondary legislation will follow for packaging," he said. "In the meantime I am concerned that the momentum should not be lost, and I am grateful to Incpen for your

efforts to keep things moving. "I congratulate Incpen on a difficult job well done over two decades and I wish it another successful 20 years."

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supplying Asda with an Amaryllis growing set in a transparent pp pack, litho printed, complementing the existing board carton but rymond A Silk, Flast, Pkg upgrading the contents to a premium product. Converter Ryedale Print-

ales Executive: ing Group produces the locklazel Barry ing carton in 800 micron clear. assilled Advertise gloss lined flexible pp printed ackie Skeel in four colours. To achieve uropean Sales Executive: what the company sees as the Walter M. Schneider, Via Sialunga first result of its kind in CH-6928 Manno, Switzerland -Europe, Ryedale overcame a series of problems associated

with litho printing onto pp. "The problem is that it is onverting World Sales Manager: hard to feed this material through the printer," explains marketing director Michael Waller, "because the sheets 081 242 315 081 242 314 Coated cartonboard

cream using the cost effective

coated cartonboard system - its

first UK application - from the

US Fold-Pak Corporation,

which is also trialling a food

grade chemical coating to

Soft Scoop ice cream is

being sold in the pack at Sains-

bury Savacentre outlets. The

Fold-Pak carton system, which

or frozen yogurt, was launched

in the UK in a joint venture

between Novabox Ltd - the

international marketing arm of

Fold-Pak - Deeside Paper Box

APV supplies the ice cream

filling and hot melt equipment,

while Deeside - part of the Mayr Melnhof group - has the

UK and Ireland exclusive

licence for production of the

Co. and APV Crepaco.

products

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tailor made and standard folding blister packs.

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can be used for bulk ice cream

replace the pe now used.

Bully company Lingarden is

system for icecream Sainsbury has launched an ice carton and has developed mar-

addition to this, the real

The French manu-

facturers of the pp sheet

will not guarantee its

product litho printable,

but Ryedale solved the

problems involved,

reverse printing inside

the carton, sealing it

Each carton contains

decorated ceramic

growing pot, compost

and the bulb. The use of

graphics on a transparent pack

enables the consumer to see

both the contents and what the

flower will look like. The com-

bination has enabled Asda to

reposition the product with a

75 per cent price differential

before and afterwards.

problem is the ink key."

Crucial features of the sysnot leak, says the company.

"30 per cent cheaper"

ket contacts in the UK.

Bulbs displayed in clear pp

tem include the tamper evident locking of the carton, the reclosable top cover, all round quality printing, and better space utilisation says Amit Ben-Haim, md of Novabox. The carton design and use of hotmelt ensures that the pack does

Figures from Novabox show that for up to five colour separation on 1000 units, a Fold-Pak 2 litre carton would be between 15 and 30 per cent cheaper - taking all costs into account - than an equivalent plastics tub. If a tamper evident

VIAILWAY

PACKAGING

14

The 800 micron clear, flexible pp carton

ton still in use.

compared with the E-flute ear-

Clearly, says Ryedale,

there is a distinct advantage for

litres as the most common size. Novabox estimates that 25 transit and at point of sale. Stephen Buffoni, produc-

tion director at Ryedale (Kirkhymoorside, York YO6 6DN tel: 01751 432505, Jax: 432536), attributes his company's success with the pack to the extensive red put into the project. The closure geometry on

the base of the pack is crucial, says Ryedale, ensuring that the consumer can use the integral carry handle without the risk of the flaps giving, even with such a heavy load.

Ryedale is also now producing packs for products such as mini pots of jams and pot pourri, and has used plastics sheet down to 500 microns.

the retailer having printing inside the pack, with instrucBottle placer guards against empty pucks

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next November!

A system for marshalling pucks and placing bottles in them prior to filling has been developed by Posimat, with a system to ensure that empty pucks do not enter the filling line.

In an adaptation of its Posimaster system, the manufacturer has produced a system which feeds bottles down into pucks at a higher speed than manual loading would allow.

Essential support

Pucks provide essential support for unstable containers, As Posimat emphasises, by using a puck system, fillers do guides between bottle sizes and shapes, only the height of the filling head. Bottle decoration is also protected from damage. The Posipuck can run at

80 bottles a minute. The system can work in

line with a Giramat unit for correct orientation of containers, says Posimat (Kingswood House, 12 Shute, Wokingham, Berks RG11 [B] - tel: 0734 732686, fax: 730565).

Unfilled pucks travel around the carousel again. For further K12 Call for details infermation 140 0839 77226



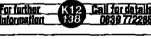
seal is included around the tub lid, Fold-Pak could be up to 100 per cent cheaper taking into account the cost of machinery, of the sleeves themselves and all other costs.

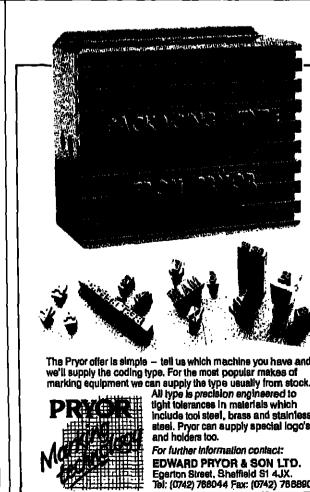
Pack sizes can vary from 500cl to four litres, with two

per cent extra product can be fitted onto a pallet load where Fold-Pak rather than two litre tubs are used. There are also transport cost reductions, says Novabox (55 Park Lane, London W1Y 3DH - tel: 071-495 8070, fax: 071-495 6427).

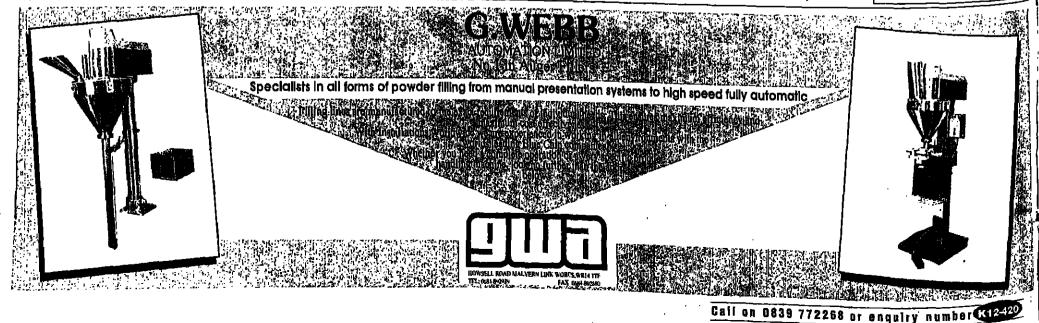
Fold-Pak is experimenting with using a Zeneges chemical coating developed by licensee United Paper Mills (UPM) in Finland on the hard sized board instead of the ldpe currently used.

"Our aim is to move away from pe for environmental and cost reasons," says Mr Ben-Haim. "Wax is not acceptable in Europe."





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Christmas presentation cartons are being inkjet coded with variable information in line by Penguin Confectionery & Co. ensuring product security and conformity with line speed.

Off line hot foil coding of flat carrons was abandoned since it could not keep up with line speeds and could not offer coding immediately after the packing process. Customers, which for this gift pack include the major multiples, are insisting that lot number and "best before" are coded in line.

After hosking at different inkjer oprious, Penguin selected Liny Printing Technology's

print head codes upwards onto the base of twelve different packs, varying in size between 15cm x 15cm and 25 square cm in oldong, round, oval and square variants.

High quality print

"We decided on the Linx machine after having seen several in operation in other plants and have been very pleased with its performance, It can easily cope with with the volumes required, it is reliable, produces high quality print and allows us to meet the very

End of line packaging machinery

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tomers," says Penguin's production director George Five lines of print can be

produced on the 6000 in speeds up to 6.8m a second, Character sizes range from less than turn to 25mm in near letter quality, says Linx (Burrel Road, St Ives, Huntingdon, Cambs PF17-4LL - (clr. 0480-300755) fax: 495093). The Penguin installation, like all linx machines, has automatic start up and shurdown.

placed by hand in vacuum

formed trays, which are then

fitted into the various carton

Individual sweets are

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printing onto cartons, says Mr Southern, Character size varies according to pack size.

approaches the Linx Midi



Retailers baulk at new advisory costs

The final form of the interim advisory group V-Wrag (see page 1) remains uncertain, with debate through the packaging chain centring on whether an independent, separately financed body is necessary at all at this stage.

"Not many retailers are likely to put £15,000 into a pot for something that may not in the end be necessary," James May, director general of the BRC, tells PN.

Given the present situation for the different materials streams, the BRC sees four out of the five as potentially being able to meet government and EU targets without the involvement of any other organisation, with plastics as the weak link in the chain.

A forum where government could sound out its ideas and consult would be sufficient in the lead-up to legislation, says Mr May, with Incpen which is likely to supply the secretariat for V-Wrag - able to fulfil this role alone.

But V-Wrag insists on the need for an independent organisation in shaping a prospectus for Valpak, while stressing that it should be kept to a minimum in size and scope. The healthier state of some materials streams adds Christopher Stewart-Smith, V-Wrag chairman. Fluctuations happen, and what may be a low requirement one minute may be much higher the next," he says.

Cross subsidies

One point where the final PRG report differs from the earlier version is on the subject of cross-subsidies between the material streams. No longer ruling these out, the November report talks about them being "held to a minimum". "We start off on the principal that there will be no material crosssubsidies," Mr Stewart-Smith explains to PN. "We will have to have very good reasons for

While the report endorses Sir Sydney Lipworth's proposals for a modified converter levy (see PN August '94) in the long term, it rejects the idea of the complex interim "shared 12.2 nurden" levy.

The report focuses much more on energy from waste (efw) than the preliminary version, estimating that UK capacity will - allowing for plants which will have to close or upgrade by 1997 - be around 4 million tonnes. Key aims, says the report, are the gaining of public acceptance for efw and ensuring that costs are at least as attractive as those

One feature of Valpak's final form which is not yet clear is the role of local authorities. It seems likely though, that while cooperation will be encouraged, there will be no direct representation for them in the organisation. Some more ambitious projects have been dropped in this version, and the report generally puts much more emphasis on the industri-al/ commercial waste stream than the domestic one.

Participative process

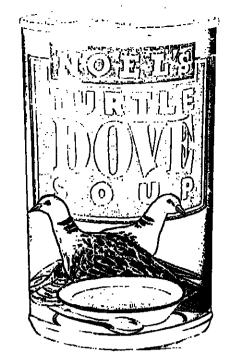
Welcoming the report - which per cent recovery of packaging by the year 2000 - and the proposed underpinning legislation the British Plastics Federation stresses the importance of Valpak. "The participative process is an opportunity which must not be missed," says director general Ron Jones.

The EU directive on pack aging is still expected to clear both the parliament and approval by environment ministers before Christmas (see PN

Nov '94). V-Wrag is at 4th Floor West, 114 Knightsbridge, London SW1X 71.J - tel: 0171 8238666, fax: 8238363.





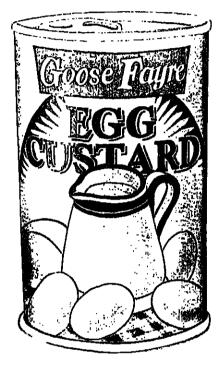




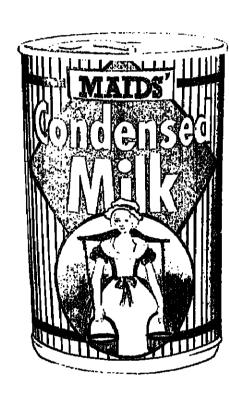


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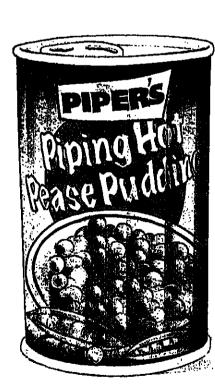


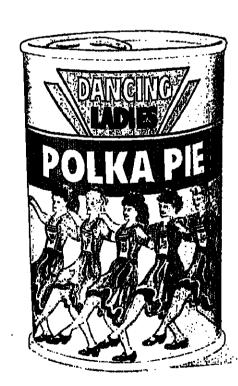




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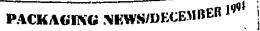
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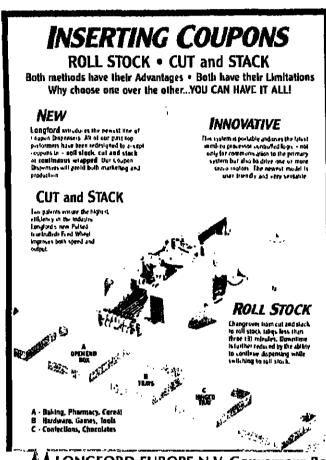


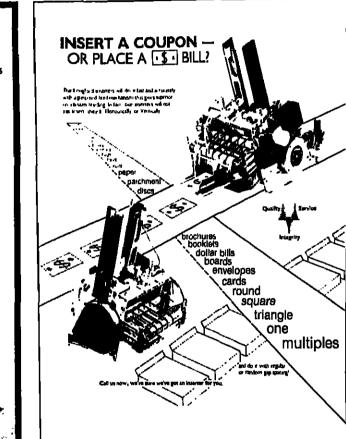
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thought for food"



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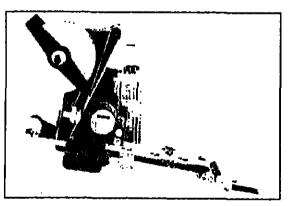




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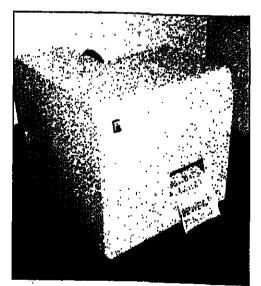
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EMB-AFL-LAGE REPORT



Last month's Salon de l'Emballage in Paris demonstrated its commitment to the future of the industry as well as the practical solutions of today in the Packaging Oscars - presented during the show - and the parl Emballage ampetition for young designers. Here we highlight some of the

packs, materials and machines that were presented by exhibitors at the 31st Salon. A full review of the 52 Oscar winners will be included in next month's Issue,



Young design winners

the shirt and locks around the

collar. More details of this and

the other winners can be

obtained in the UK from Pro-

mosalons (The Colonnades, 82

Bishops Bridge Road, London

W2 6BB - tel: 0171 2213660,

their blanks, materials savings

are made. The system, which

can fit into a horizontal or ver-

tical cartoner, is already being

used in Europe for coffee sachets in a fliptop box and pet

The robotic division's Total

Line end of line machine uses a

single operating head to pick a

side-glued folding case from

the magazine, creet, glue and

fill it with product, glue the top

flaps and place on the pallet

load, all in a single compact

unit. The throughput is up to eight cases a minute, says Ima

(Oaklands Park, Fishponds

Road, Wokingham, Berks

The pharmaceutical divi-

RG11 2FD - tel: 0734 772323

fax: 773453).

treats with a pouring spout. Single operating head

fax: 7923525).

Paving the way to a different type of pack for shirts is pari Emballage winner the Embal'Chemise, which uses just two materials, built into the pack, rather than the more usual three or four.

Board and cellulose are used in the pack which itself wraps in to support the folds in

******************************* production of cartons

An economical system for producing cartons with inserts and an integrated case packing and palletising unit were among the solutions shown for the first time by Ima.

The manufacturer took a Packaging Oscar in the systems category for its line which produces and fills the Flip&Lock carton. This starts with a flat board blank and uses a patented device to cut a section from the board and attach it as an insert to the carton before it is erected and filled.

With the use of flat blanks rather than pre-glued cartons, storage and transport needs are reduced, says Ima. Alternatively, where users would otherwise require a 'fifth fold' on

sion showed the A94 contin-C70 blister packing and caruous motion cartoner and toning line, both first shown at Achema.

group, (77-78 Earlstrees Rd,

Earlstrees Industrial Estate,

- tel: 0536 400500, fax: 4 0 0 3 3 3)

included

Cebalcap, a

closure

openable

with a single

hand and

Tubes in many textures

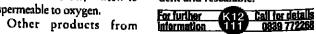
Ranges of tubes in the same Cebal, part of the Pechiney plastics material but offering different surface textures for product variants were among Corby, Northants NN17 2AZ the exhibits on the Cebal

stand. Satinel tubes use Cebalex, a 🖫 coex pe material which

includes a

fine layer of evoh barrier, to achieve a smooth, silky or rough finish without any need for varnishing. Degrees of transparency can also be achieved with the material, which is impermeable to oxygen.

examples of its high quality decoration capabilities. The company also took an Oscar for its multidose tube for oral vaccines, which is tamper evident and resealable.



EMBALLAGE REPORT

a four-axis

gantry robot to

carry out multi-

line palletising.

According to

Newtec UK md Emmanuel de

Rohan Chabot,

the Unipicker

04 head offers

optimum flexi-

Als

demonstrated

on the stand

was a Dra-Pal

6800 rotating

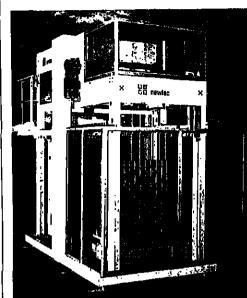
ring stretch-

wrapper, shown

working in con-

strength.

Palletiser saves | Films developments space and time



The Pai-Pack 5100 is designed to save space

End of line equipment shown for the first time by Newtee International and its French company Thimon included a high speed palletiser, a multiline palletising robot and its pallet wrapping technology.

Running at up to 500 layers an hour, the Pal-Pack 5100 is also designed for space saving, with a hinged slatted front deposit platform and row transfer unit.

The Pal-Vite 500 runs at between seven and ten cycles a

junction with Thimon's Oscarwinning Stralex off line power prestretch process. Prestretch can be of the order of 300 per cent, with film savings of up to 25 per cent, says Newtec (Unit 4, Great West Trading Estate. Great West Road, Brentford,

> Middx TW8 9DN - tel: 0181 7589000, fax: 8473613). Hoods for pallet loads were

shown being shrunk tight using Thimon's Flowex process.



Since it uses less energy, gold

printing without flux has eco-

nomic advantages, says Heinz,

which supplies its products into the UK through Robinson

Associates (18 Market Street,

Poole, Dorset BH15 1NF - tel: 0202 683388, fax: 682677).

Heinz showed examples of its gold printing onto glass without flux

Gold print on glass saves energy

German glass and plastics manples of its gold printing onto glass without the use of flux packaging. and round the corner printing onto both glass and plastics.

The plastics business now has a cleanroom production facility for pharmaceutical:

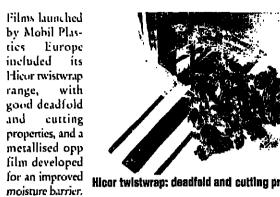
BRIEFS A DOYPACK stand up pouch fill- Dutch company Imca Carton-

ing machine which, with two heads, doubles the throughput the UK by Notem (0532 779504). says imca. The TD 1000 Due runs at 80

dry graceries - were shown by product.

nages, now part of John Waddington (0532 760730). of its existing model was shown Closing the carton closes the by Thimonnier, represented in Inner bag at the same time,

packs a minute on volumes up A BAGBING unit from Chronos to 1 litre. Richardson (01159 351351), ir Richardson (01159 351351), in an encapsulated unit for dust-BABLETOP CARTONS, using less reduced operation, was material than standard cartons shown filling a range of bags, - sultable for cereals and other ... with powdered and granular :



Hicor 30 HT 103, an oriented high density pe film, is the first of a range. It has advantages of good machinability as well as deadfold to retain the twist. Other variants of the film will focus on the need for easy tear opening on bags, says Mobil (1, Towers Place, Eton Street, Richmond, Surrey TW9 1EG - tel: 0181

3326261, fax: 3326256). Market requirements of an

improved moisture barrier rather than oxygen barrier are answered by the Metallyte MM680 film, available at a lower price than the established MM778, in thicknesses of 20 and 30 microns. Mobil has also extended its

Low Temperature Seal range, expanding the previous choice of two films to seven.

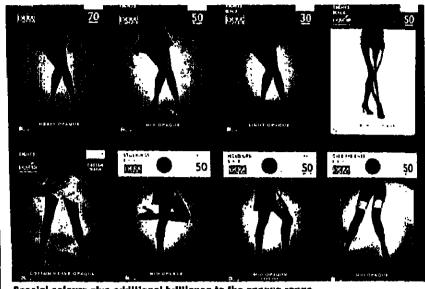
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ATTACHING SYSTEMS COMPUTER SYSTEMS LABELLING SYSTEMS CONTINUOUS STATIONERY, CASTE HE SYSTEMS

Legs focused strategy lifts hosiery sales



Special colours give additional brilliance to the opaque range

than personality/lifestyle focused strategy was chosen by Wickens Tutt Southgate (WTS) in its pack designs for the 65-line Bhs hosiery offer, prompting a lift in sales which the retailer describes as "brilliant".

Rather than positioning the rights and stockings as a lifestyle product, WTS combined the Blis brief requiring an overall impression of warmth from the and types.

sleeves, with widths varying according to quality, are used

Research with focus groups showed that consumers considered, given the nature of the product, anything other than legs to be irrelevant to the pack illustration. Another key area for Bhs and WTS was easier shopping, facilitated by better differentiation between ranges

several different ranges. By tackling this as a single project with itself as the only

consistency.

Carton-Cote board by the John The tempta- Hampden Press in Heanor. neglect differ- printing is used, with either ences between gloss emulsion coating or, for ranges, says the premium ranges, a uv var-

product focused rather—each line. Hanging cartons and—designer David Beard, present—nish. "To get the brilliance ing a standard product in a simi-required we had to use special lar way to a luxury line, colours in some cases, particuespecially if design is carried out - larly on the opaque range," says piecemeal. Of course, this does John Hampden sales manager not help the shopper make an Clive Brewin. informed choice. But with the WTS redesign, says Bhs, that results were obtained using two essential differentiation is there. metallies and two blacks, and

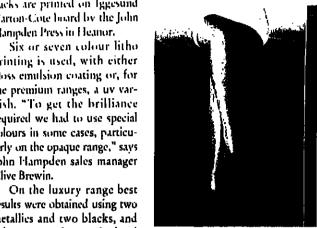
> Colour coding is used colours were also manipulated throughout to identify tights, at the repro end on the specials stockings or hold ups and the range to give greater depth to different denier values. Beyond colours including sepia. this colour coding and the

By redesigning all Bhs' hosiery packs in a single project, consultant Wickens Tutt Southgate has made the shopper's task easier, says the retailer, and opened the way for increased sales. Paul Gander reports.

different way, some using rather than structural design, agency has won Design Effeccolour, some black and white. This has progressed hand in hand tiveness. Awards for the gains photography, some wide carwith a redesign of store interiors,

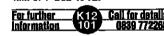
carried our by other consultants. Ranges span socks, every-The consultancy has been day and lyera multipacks, involved with other pack redesigns for Bhs including its opaques, luxury, specials, handbag packs and leggings. All houseware, lighting, bedding packs are printed on Iggesund

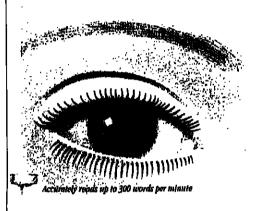
in market share stimulated by its work. Products launched or relaunched in WTS designs include Britvic's Tango and Quaker Feast of Flakes.

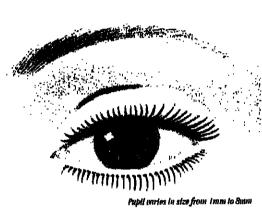


WTS likes to think of itself Since March '93, Bhs has as a brand design agency fax: 071-262 1512. packs with photography which Working over a six month emphasis on "easy leg enhance—been working on redesigning its rather than "just another emphasised the characteristics of period, WTS completed designs ment", each range works in a packs, concentrating on graphics design consultancy". The

10a Frederick Close, London W2 2HD - tel: 071-262 1707,





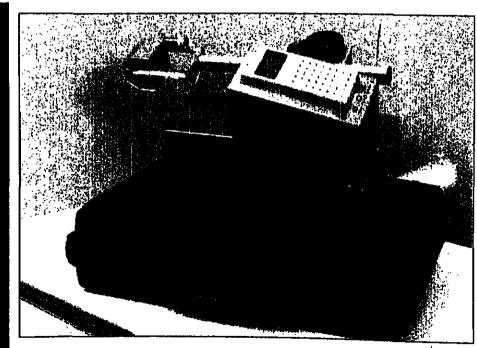




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PACKAGING NEWS DECEMBER 1994

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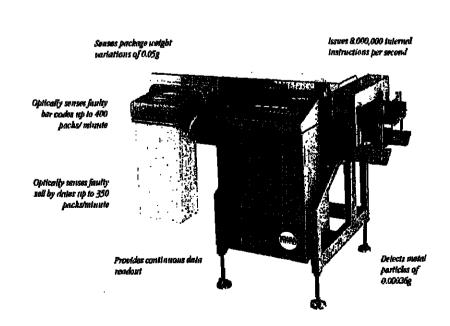
> Human senses may be finely tuned and superbly honed, but they are not infallible.

The ability of a Loma, on the other hand, to identify a contaminant inside a carton of soup, or an extra fish finger in a pack of ten, or a faulty bar code on an aspirin pack is truly impressive.

After twenty five years' experience, Loma inspection technology is still ahead of its time and utterly reliable.

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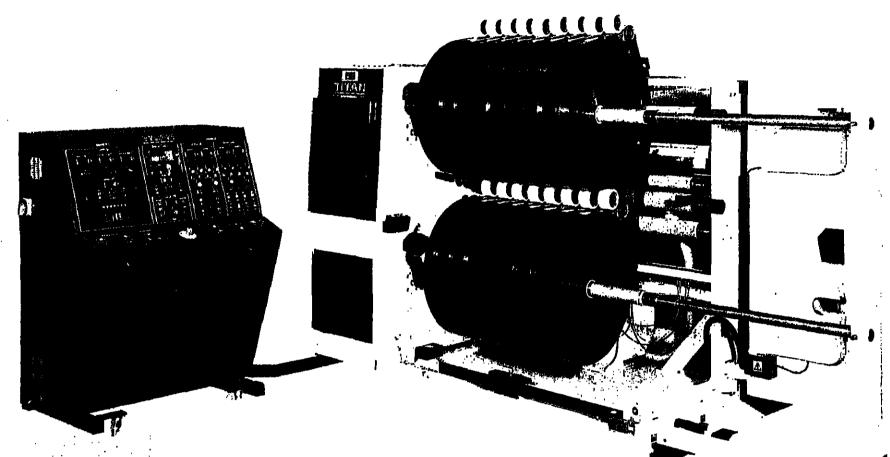




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RGONOMIC SELF DIAGNOSTI

Record attendance at Pack Expo show



Over 51.000 visitors were at Pack Expo in Chicago last month, figurø which represents a 14 per cent increase over the last show in 1992 Visitors were given the opportunity of visiting 1261 companies occupying 918,958 net sq ft of space.

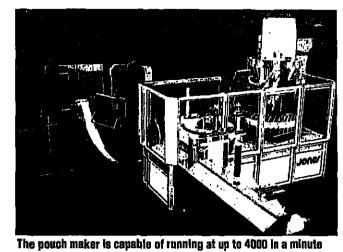
ment, was demonstrated. Here, Gall Lea highlights just some of the products on show.

follow next month. **Drying for** success

European producers of any product which can be negatively affected by moisture can now ensure product freshness and maintain product protection by using Desi Pak moisture absorbing desiccants and humidity indicators from the French company Süd-Chemie Group.

A further report will

Used in North America for over 40 years and now available in Europe, the desiceant packets absorb moisture to maintain product quality, says the company (UK: Mineral Derivatives, Dalton Way, Middlewich Business Park, Middlewich, Ches CW10 0HS - tel: 0606 836346, fax: 836408).



Faster pouchmaking

A pouch maker capable of running at up to 4000 in a minute and said by RA Jones to be easier to changeover and convert than any machine of its type, and at a cost 10 per cent below that of existing equip-

"The new technology incorporated in the unit allows for this decrease in price as it has simplified the machine itself, as well as the manufacturing process," Martin Barnecutt, sales manager in the UK, tells Packaging News.

The direct servo controls and electronics package incorporated on the PK4000 pouch machine allows the unit to monitor its own operation, resulting in less downtime and increased productivity.

Replacing drive chains with electro-mechanical servos, to directly control various components, represents a major nnovation in pouch machine engineering, says the company (Yorkshire House, East Parade, Leeds LS1 5SH - tel: 0532 453082, fax: 436039). As well as smoother, quieter operation and greater reliability, this design concept has also allowed greater overall machine flexibility to be included.

"Previously, a food manufacturer would have had to have run six, slower machines to get this degree of product flexibility," says Mr Barnecutt.

One way that line efficiency has been improved is by the ervo controlled, freestanding.

installed at an optimum location. Another feature is the servo compensating direct deposit system which enables pouches to go directly from knife into produet buckets for cartoning. This saves on the need for custom designed transfers.

On the filling side, the servo controlled auger fill system along with the servo controlled filler wheel, is said to result in more consistent pouches and to minimise prod-

The high speed machine has been designed with 20 per cent fewer parts overall and more standard components being used. This is said to have contributed to a lower cost per pouch, per minute giving the customer greater value.

Product changeovers, into the same size pouch, can be achieved without tools in around 30 minutes, while the use of a separate conversion kit allows the PK4000 to be converted to run different pouch sizes in one eight hour shift or less. The PK4000 is a metric machine and has a footprint of 115 x 3000cm. It was just one of eight new developments seen on the RA Jones stand.

Also highlighted was an adjustable pouch machine (APM) which allows stand up pouches to be produced on high speed, continuous motion pouch units.

Bag sealing and horizontal wrapping

A high speed bag sealer, a Super Mustang horizontal wrapper and an upgraded Microtonic horizontal wrapper were introduced by Doboy, part of the SIG Packaging Technology Group.

The S-CH-L continuous sealer is said to deliver dependable, high speed performance for fully automated, continuous operation bag lines, for tube or gusset type bags. It is especially suited for 25-50lb bags, says the company (UK: address: Doboy Ltd, Unit A1 Crammer Road, West Meadows Ind. Est., Derby, Derbys DE2 6JL - tel: 0332 44889, fax: 0332 40480).

Timing belts ensure precise speeds and provide positive bag top control. The unit is available with special electronics to interface with equipment such as scales and fillers.

Designed to replace Doboy's existing Super Mustang machine, the new version of the horizontal wrapper launched at the show is said to be "the most accessible we have ever built." Engineered for versatile, custom designed packs a minute, a variety of products can be wrapped on the machine with only minor modifications. Typical applications include vending, dairy and pharmaceutical products.

Singles, multiples or trays of items, including soft, fragile or hardware products can all be wrapped on the machine.

The upgraded Microtronic horizontal wrapper on show is designed for high speed prduction lines.



Call on 0839 772268 or enquiry number (K12-434)

Turnkey consortium

Five US manufacturers of packaging equipment for the beverage, food processing and

other manufacturing industries have formed a consorfium of companies dedicated to providing turnkey packaging systems to both domestic and international

markets. Called Package ing International. the group haalready put togethbottling line for Coca-Cola in the

er a complete glass Consortium members (I to r) Robert Unke, Bernard McPhoely, Robert Risley, Nicholas Osterholt and Fred Calhoun Phillipines and a further order for a canning line from Pepsi in Thailand has also been secured.

demanding more and more Boy 26509. Greenville, turnkey-type projects," says SC29616, USA - tel: +803/297 Bernard McPheely, eeo of 1200, fax: +803 288 5390)

> melude Ambec Industrial Dynamics Co Ltd, D & L Manufacturing Co. Inc. and Pinnacle Automation International. The group will consider adding companies whose product lines can enhance the single caree philosophy.

The consortium said to offer customers the convenience of single source responsiblity, with coordinated engineering and design.

Other members

Hock finishes on pet and hdpe bottles as well as pet preforms can now be inspected using Visi-pack's Bottle-Scan 420 vision gauging system, demonstrated at the show by Packaging Technologies and Inspection (145 Main St, Tuckahoe, NY 10707, USA - tel: +914 337 2995, fax: <u>+</u>914 337 8519).

away from the conveyor. The coder has no moving

Choice of

power

laser code

the industrial spectrum, was

launched by Willett America,

Inc. It is designed to allow a 25,

Up to three lines of text

can be created by the coder

with variable characters chang-

ing automatically and instantly.

It can be integrated into any

printing position on a produc-

50 or 100w laser to be used.

PACK EXPO

dot matrix laser coder, parts and uses no consumables. said to be the only points out the company (1675 Lakes Parkway, Lawrenceville, L Amachine currently wailable which offers a choice Georgia 30243, tel: +404 995 of laser power to suit particular 1681, fax: +404 995 9021). A small keypad input line speeds and substrates across

device controls the operating parameters, message constructon, variable and enabling functions. The keypad can be used as an integral part of the controller or it can be connected by a flexible cable for remote operations through an RS232 interface.

Built for flexibility, the laser tion line, with the laser head coder operates in temperatures ranging from 40 to 120deg F. close to the products being coded and the control cabinet says the company.



echnology applicable to both folding cartons L and flexible packaging materials which is said to deliver improved quality for microwave cooked food, was demonstrated by James River

Corporation.

Qwik Balance technology offers a customised approach in managing microwave energy and is said to deliver uniform heating of food. Qwik Balance helps eliminate frozen centres and burned edges, and the product stays hotter for longer, says the company (One Better Way Road, Milford, OH, USA - tel: + 45150 2743).



PACK EXPOREPORT Staying hotter for longer



Qwik Balance demonstrated by James River Corporation, is said to deliver uniform heating of food



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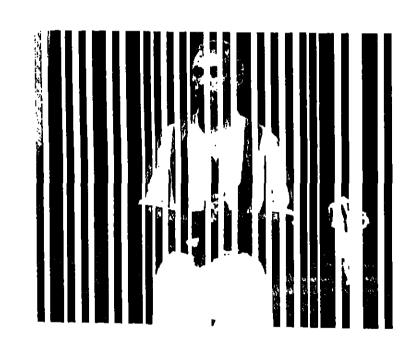
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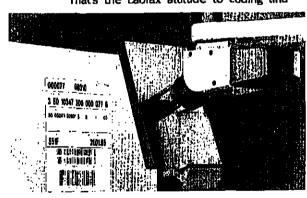
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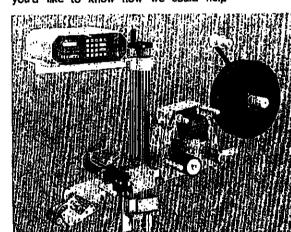


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[Me.)

PACKAGING NEWS/DECEMBER 1994

Three dimensional size changes in 15 minutes or less

What is claimed to be the world's first fully automatic RSC case packer featuring 'no tool' changeover was launched by Focke & Co.

Three dimensional size hanges can be accomplished in 15 minutes or less, says the company (UK: Courtenay Works, Monument Way East, Woking, Surrey, - tel: 0483 756094, fax: 756099). All major adjustments during size changes are made by easy to use spindles, with each one equipped with digital indicators for repeatable positive changeover.

The Model 486 case packer can pack a variety of rigid and semi rigid containers such as cans, bottles, cartons and bags into a large case size range. Gentle handling for fragile

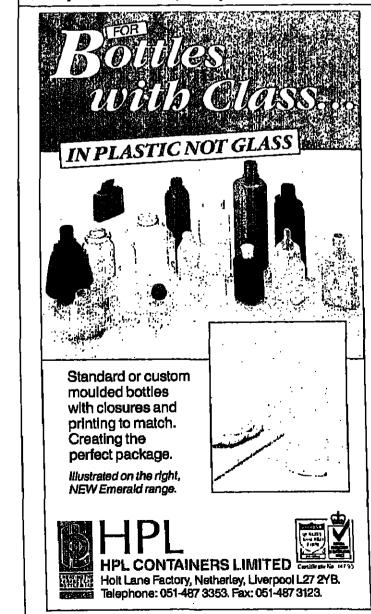
products such as cereals, crackers and snack food is provided by one of the many infeed and collating systems available for the equipment.

"We've designed this system to meet today's more demanding requirements of the packaging industry," says manager of general packaging for Focke in the US, John Mohaupt. "Fast, no-tool changeover and operator friendly controls are important features for just in time delivery schedules, meeting ISO 9000 requirements and reducing operator training time," he says.

Also demonstrated was the Model 446 wraparound case packer, the Model 381 over wrapper and 531 palletiser.



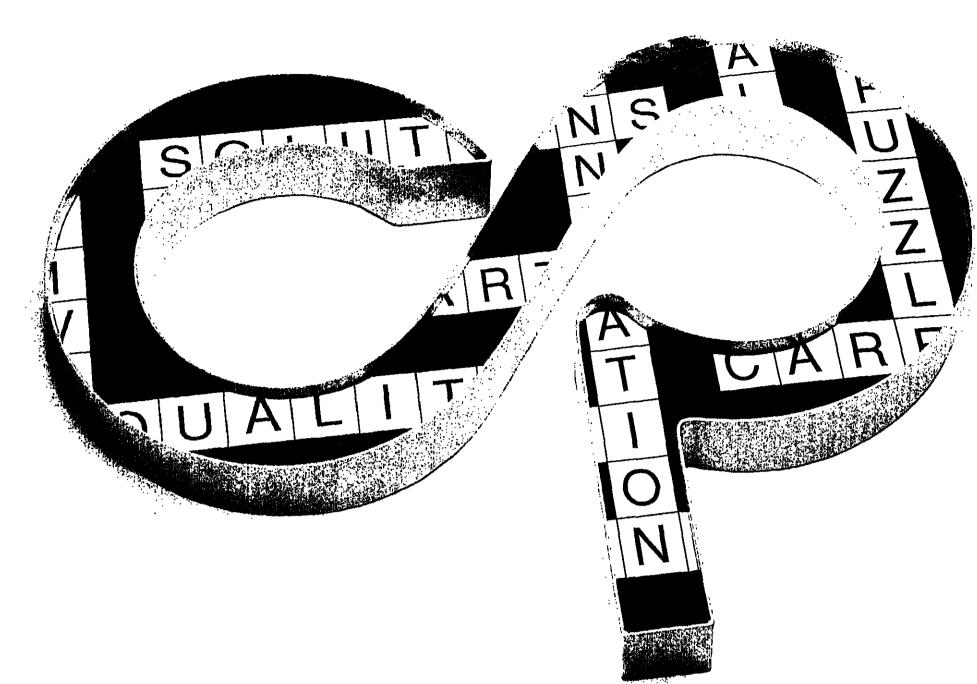
The fully automatic RSC casepacker by Focke and Co



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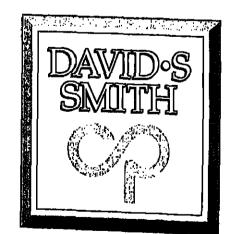
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Corrugated Products Western Road Bracknell Berkshire RG12 1OY Telephone: 0344 59911 Fax: 0344 420847 Gall on 0839 772268 or enquiry number (K12-438)

Trinity Display London Road Biggleswade Bedfordshire SG18 8PS Telephone: 0767 316446 Fax: 0767 318201



MY Sharp Interpack has invested around £200,000 in a new Alloyd 2400 Thermoformer, following a large rise in blister sales. To meet the increase in orders, the company (0304 840581) has also decided to upgrade five other machines already on site.

Linpae Metal Packaging, part of the Linpac Packaging Group, will be restructuring its organisation from the New Year, with its four production sites operating as a single business unit. The four sites are at Reading (01734 441144). Cwmbran, Caldicot and Dar-

PT Petrokimia Nusantara Interindo (PT Peni) is to expand Its BP Chemicals gas phase technology pe plant at Merak in Indonesia. Confirmation of the project, which will double capacity to 400,000 tonnes pa., will come by the end of January '95. The plant is 51 per cent owned by BP (071-581 1388).

RIG Rentsch (010 34 62 470111) shareholders have given final approval to a takeover offer from Australian group Amcor. The Swiss-

MACHINE

based manufacturer's principal products include quality paper, board and composite packaging.

CT Film, a division of the U\$ Rexens Corporation, has officlally opened a £13.5 million production site in Scunthorpe CT Film (0724 289554) runs four other plants, although this is the first in the UK.

W.R. Grace & Co has announced its acquisition of Schurpack Multiflex GmbH, a subsidiary of the Schur group, for approximately \$40 million. Product from the German plant, which includes laminates, shrink bags and pouches for the food industry, will be an excellent fit with the Cryovac business, says Grace (081-965 0611).

Parkside International pic is investing £1.9 million in a third

AT LAST - A new high speed, versatile

HORIZONTAL CARTONING

Trimcote Limited, Corringham Road Industrial Estate, Gainsborough, Lincolnshire DN21 1QB.

eight colour flexo press. The Starflex will be commissioned early next year, and will help maintain production levels during the move of the principal factory (0532 771157) to a new Leeds site.

Labelling Dynamics has pur-

chased Arpeco printing and converting equipment worth £650,000. This will include an Arpeco Tracker II slitting, rewinding and inspection machine, the first of its type in the UK. Next year, Labelling Dynamics (091-415 0666) is building a £2.6 million factory and investing in equipment of a similar value.

Sealed Air Ltd has acquired Hereford Paper in a move designed to give the manufacturer (01536 315700) a greater presence in the food packing business, particularly in

retailers. Each company will continue to operate under its established name.

Decotect (0704-577736) has seen appointed UK and European distributor for the US CDF Corporation, a major manufacturer of drum liners and inserts for products such as chemicals, inks, waste and

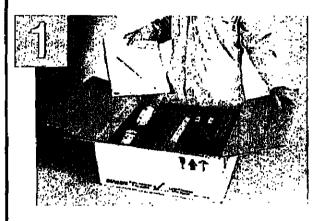
Marden Edwards & Co has increased its representation worldwide with the appointment of M&H Sales as its agent in Ireland, Trillium in Canada and Tecnoco in Mexico for its overwrapping machinery, says the company (0202 861 200).

La Verrerie Medicale, the French ampoule manufacturer, has been awarded the Quality Vendor certificate by the Wellcome Foundation. Part of the Schott group, the manufacturer is represented in the UK by sole agent Adelphi (Tubes) Ltd (0444 440091).

Jacob White (Packaging) Ltd is setting up a spares and servicing subsidiary operation with a staff of 12 at its Dartford site. Jacob White Spares and Services will also upgrade customers machines when necessary says the cartoning equipment manufacturer (01322 291525).

Alphapak by has announced the opening of new offices at Great Dunmow, Essex, with product ranges including Syfan polyolefin shrinkfilms. Alphapak UK (0371 875245) is a wholly owned subsidiary of Stevens Holding.

British Polythene's plant In Xinhul, China, is sheduled for completion this month, with shipments of vest style carrier bags and bags on the roll beginning in the second quarter of 1995, says British Polythene company Alida Packaging (01773 530530).



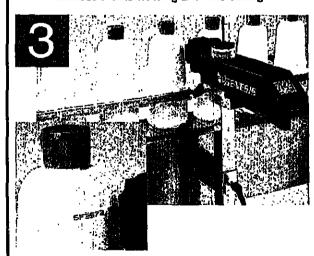
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Trimcote also manufacture a wide range of cartoning machinery, together with other packaging equipment for a variety of applications and throughput.

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TELEPHONE: 01256 892194 FACSIMILIE: 01256 896486

The existing offices at St. Mary Bourne will reopen as a new laboratory and showroom in the New Year.



RA JENTON & CO LTD JENTON INTERNATIOAL LTD

Gall on 0839 772268 or enquiry number (K12-488)

CASE, CRAYE & TRAY PACKERS

PICH & PLACE MACHINES

TAPE & HOT MELT SEALERS

SHRINK & STRETCH WRAPPERS

PALLETIZERS

BWI Fords

Bulk filler for low acid dairy

A bulk filler for low acid dairy product has been launched by David S Smith Liquid Package ing, with the capability of working with a variety of bags and outer boxes of between 200 and 1000 litres volume.

The system uses the Intasept aseptic double membrane technology, said to offer a 100 per cent sterility transfer guarantee. With FDA accreditation, Intasept is believed to be the only system offering this.

But such a guarantee is crucial in the handling of low acid dairy products, says Malcolm Shipway, technical manager at David S Smith, "The outer box has to be of a specification which will protect that sensitive product," he adds.

The filling head can be adusted on twin masts, allowing all known types of rigid ibe to be filled on the integral roller platform. Either flow meter or weigh load cell tech-

1000 litre aseptic bulk filler from David S Smith Liquid Packaging

nology can be used, with dispensing from bulk supply or a header tank. Fill speed varies according to product viscosity.

After filling with liquid or particulare, the ibe is moved on to be weighed and coded. The filler can be used for small

batch inter company transfer of aseptic products, says David S Smith (Unit 13, Brookgate, Ashton Vale Trading Estate, Bristol BS3 2UN - tel: 0117 9636146, fax: 9231071).

Aseptic ingredients can be introduced as part of a secondary processing, says the manufacturer.

One container that has ocen used successfully with the filler is the Octabox from Walton Industrial Containers (St. Helens Auckland Industrial Estate, Bishop Auckland, Co Durham DL14 9AX - tel: 0388 606797, fax: 661184). The container uses a plywood and film structure designed to cushion any impact.

The Intasept aseptic range includes single and double head semi and fully automatic models for volumes up to 30 litres and a bulk filler for bags between 200 and 250 litres. There is also a non aseptic fill-

DAVID 8 SIVITH:

Protective packaging using rating flat paper with thousands only recycled paper is now available from Jiffy Packaging Company, supplied on the reel and taking on a three-dimensional cushion mesh when fully stretched.

Kempson. Bedford, England

Packaging Systems Telephone: 0234 853366 Fax: 0234 853040 Telev: 82 102 Fords G

Call on 0839 772268 or enquiry number (K12-409)

Working from start

quantities for hand packing. When stretched, the material forms a honeycomb which, especially in more than one layer, will provide effective and long-lasting protection for transit, says Jiffy. Because it locks into place, the cushioning effect is not lost over time, according to the company. 'We researched the market and also anticipated its needs," says

md Peter Lewis. Potential markets are seen being companies involved in general wrapping - of car parts or gifts, for example - void fill-

of tiny slits. The material reels ing of fragile goods, interleaving can be supplied in conjunction with a range of dispensing sys-The simplest dispensing

tems, including the Flextra system is the Flextra Helpa, Matic which will automatically ideal for single sheet applicadispense single or multi layer tions. The Flextra Stretcher is an automatic system with speed variation. With the Flextra Matie, nine product options are available from the same machine, including pressure welded multilayer combinations with different facing sheet options.

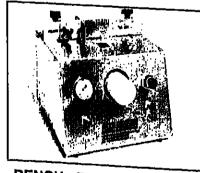
The two manual machines will be sold to companies requiring them, while the largest system will be rented with after sales service from Jiffy. The manufacturer says the Flextra Matic will offer significant value for money given the particular benefits of the system

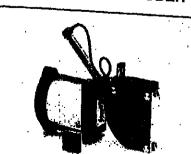
The product is produced in the UK, but has now been launched on the Continent. It was conceived as an answer to the environmental concerns of companies shipping goods in and beyond Europe, says Jiffy (Road Four, Industrial Estate, Winsford, Cheshire CW7 3QR - tel: 01606 551221, fax: 592634).

When compared with loose fill chips, Jiffy maintains that its material is less messy and more cost effective, with the much more flexibility.

automatic system offering For further (512) Call for details information (187) 0839 772265

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PACKAGING NEWS/DECEMBER 1994



scope range of paper packaging developed by Crabtree & Evelyn in association with designer Peter Windett and Associates for the Christmas 1994 festivities.

Welton Packaging (Station Road, Midsomer Norton, Bath, Avon BA3 2BE - tel: 0761 416523, fax: 413862) is said to have set a new standard by printing six process carrier, one of which is

Toothpaste impact

............

Pp jars suit Boots lip balm

Brookside, Bellbrook Industrial Estate, Uckfield, E Sussex TN22

flavours of lip balm in its Global Collection range of products. The

white, various colours, natural pp

priced £310.

The report, which can be

purchased independently from

the previous papers, includes

the latest information on recy-

cling to materials, energy and

chemicals. It is categorised

into materials, industries and

countries. Copies can be

bought from Vladimir M

Hill, Colemans Hatch, E

Wolpert (Hunters, Holly

1YA - tel: 0825 768812, fax: 768780), for the four different

jar is also ideal for trials and promotions and is available in

and clear SAN.

International

Volume 5 of Recycling of Plas-

tics (Commodity and Engi-

neering Plastics), the

International Techno-Eco-

nomic report by Vladimir M

report on

recycling

THE S

reverse. A coating of uv lacquer

completes the printing process.

micron board is die cut,

form strong end opening car-

tons with full depth, slotted

headers. Supplied flat, they are

quick to creet and load by

hand, says Vernon (Lodge

Farm Industrial Estate,

Northampton NN5 7UD - tel:

cartons of exceptional quality

and helped us to win shelf

space in prestige stores like Harrods and Selfridge's and

national chains such as Super-

drug, Morrison's and Lloyds

Chemists," says the sales direc-

tor of Purity Laboratories.

"Vernon's has produced

0604 754831, fax: 751569).

creased, folded and glued to

After printing, the 482

Point of sale impact was para-

mount for cartons adopted by

Purity Laboratories' Natural

White toothpaste, formulated

in Hollywood's Beverly Hills

Carton producer Vernon

Packaging used white silver

laminated board and a trans-

parent orange uv ink to pro-

duce gold bands that reflect

shop lights, to eatch the shop-

per's eye. Two coats of opaque

white provide the surface for a

close up smile in four colour

half tone and a bright white background for name display

and small print, which stand

Pin sharp register through-

out the complex printing

sequence is said to allow the

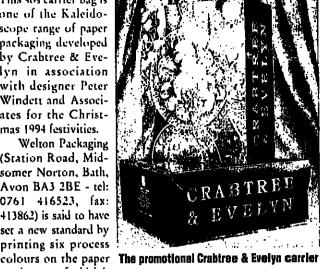
fine gold rules and tiny silver

stars to shine through the

out in special dark blue ink.

to sell in the UK at £3.99.

metallic gold. Purple and gold are also used as line colours and the 120gsm clay coated material has a coating of uv varnish and

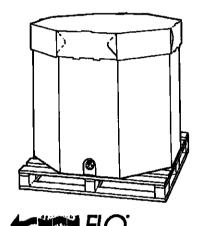


black internal handles, said to

further enhance the richness of

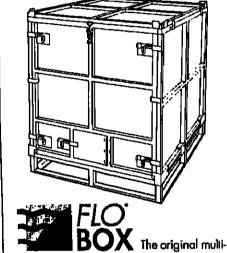
laws: Bone chips and ' sharp-edged Perishable foods like these demand a film that won't permit even the tiniest puncture. Call on 0839 772268 or enquiry number

FLOMOTION IBC'S ARE GOING PLACES



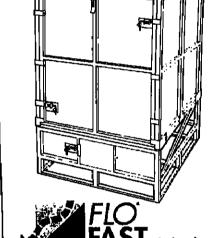
1 000 litre, one trip disposable liquid IBC.

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trip liquid bag-in-box IBC. Built with a strong tubular steel frame, and impact resistant plostic infills, Flo Box has a life expectancy of up to 10 years. The 1100 litre box packs flat when

emply, saving return and storage costs.



same rugged materials as Flo Box, but designed specifically for viscous liquids.

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5 Decembe Chemicals Hazard Information and Packaging (CHIP) regulations

Workshop at the armupt inchitation of Occupational Safety (IQCH) contenence: and e-hibition, Hotel Majestic, Harogate Dehorah Fruher/Ann Goodani, IOSH: The Grange, Highfield Dove, Wigston, Lewester LE18 1ND tel: 0533 571399, fac. 0533 571451. 6 December

Design for packaging - the egnetians challenge Securiar, Leatherthead, Pira International

- 003/2/3/6161 Up: 377531 6-7 December Styreneics '94 Continue on resins (swessfiel, Zurich

Switzerland, Maack Business Gerynies, Modsacherstonso 14, 8804 Admear Zundi, Switzerland I tel: 010 41 1 781 30 40, tax, 781, 15 69

7-11 Decembor Plast & Pack Plastic and packaging technology.

machinery and materials fair, Istanbul-Tuyan Faus and Exhibitions Organisation, Gazeteciler Mahatlesi, Saglam Filor Soliak No. 19, 80300 Escolope-Istanbul, Indicey | fel | 90 1 267 8-9 December

FoodPack 2000 Iwo-day conterence on market

legislative and technical developments in food packaguid, Leathorhead, Pira-International - 0372 376761

A.

10-11 January Middle East Coatings Show Exhibition, Bahrain International Exhibition Centre, State of Bahrain, Mike Tarrant, exhibition sales director, FMJ International Publications Ltd. Queensway House, 2 Queensway Redhill, Surrey RH1 TOS - tel. 0737

D. 21.2 - 5405 11-12 January DGLA (British Growers Look Ahead) The later MEC Root does Made 21

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26 January International new products forum Openha, conference, trialledhead

- Jaco the Bandall- Montel Informational Group, 18 19 Long Lace Tourbur ECTA 19HF - REL 071-606-4533/6000 1-3 February

- International couler use and exhibition On the recovery of economic value from: warde streams, Paleopor Ger eva-Switzerland, R95 Orgeopo/Patego - Bel-- 010 41 22/798 11 11 Tay 207/98 01 00

2-5 February Propok Turkey/Plastics Turkey Parkaman/blashes and robber eshibition, Edanbul, Overseas Exhibition Services, 11 Manche Jer Square.

London W1M SAB - Tel: 071-486-1951. 6-10 February Kispack Packing and packaging exhibition, Ban eluna Fira de Barceloria, Avenida

Reina M. Cristina, s/n, 08004 Barcelona, Snam - tel 34 93 423 31 01 14-16 February Sixth International Web Offset conference and exhibition Conference and exhibition, Royal Lancaster Hotel, London, Moira Erwin

Pira International - tel: 0372 376161 18-19 February

ProPak Thalland 95 Packaging and food processing technology exhibition and conference. Bangkok, Thailand Andry Montgomery Lid, 11 Manchester Square, London W1M 5AB - tel 071-486 1951, lax 071 486 8773 16-19 February

Aprotech Exhibition of agricultural technology. food processing and packaging machinery, Bangkok, Thadand, Thadand Exhibitions & Management - tel: 66.2

19-21 February Laisure Drinks International '95 Edulati Charme Children (11 mg MIC Recording of the Catalogue TH Larte cause 461-65 Nonli Ecol. Boad Lordon SW6 107 - tel 071 Go. 3001, to 3566

21-25 February PackIntec Frade fair for perking and parkaging i to taiologies and processes. Milan, lialy Centre pol. Via Caneva 39 (1-20154)

Milhao Italy net 30 2 331 9811 21-25 February Pakprocess/Foodpro Folidation Johannechung South Africa Overseal, Trade Show Agencies Ltd, 11.

Alara, testica Square, London WIM 5AB -361-071-466-1951 28-3 February/March

International bandling and storage edidation NEC Birmingham DMG Trinty, Tuties Horise, Station Approach, Boistip, MiddicHA4 8NB - Jet 0895 -677677. lax - 676027

1-4 March Leipzig Peckaging Fair

frade fair, Germany Dr Mike Dillon, Intech Overseas Fairs Ltd, PO Box 142, Bouhester, Kent ME3 ZNR - tel: 0474 824092, fax: 824091 7-8 March

Packlabel '85 European Labelling Solutions Show, Messo Franklurt, Germany Paul Farrant or Howena Sulhers, Labelex Exhibitions Lld. 131 Southlands Road, Bromley. Kent BR2 90T - lel: 081-313 3535, lax: 468 7472 7-10 March

PFP Expo - Foodpack South China 2nd South China international exhibition on lood processing and packaging industries, Guangzhou, PR China Adsale Exhibition Services Ltd, 14/F

Devon House, Taikoo Place, 979 King's Road, Quarry Bay, Hong Kong - let. 852-811 8897, fax: 516 5024 8-13 March Print Pack India International exhibition of printing and packaging, New Delhi, India Trade Promotion Organisation, Pragate Matdan

Pragali Bhavan, New Dethi 110001,

India - lel: 91 11 331 9754

30-2 May/June

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Binningsam, Reed Exhibition Companies - tea 031-910 7910 3-7 April BRT 95

DGS '95 International exhibition of duritio technology and packaging, NEC, Birmingham Reed Exhibition Companies - tel: 081-910 7910 3-7 April

Food manufacturing technology e-hibition NEC, Birmingham Reed Exhibition Companies - let 081-910 2-4 May

Rotall Solutions 195 exhibition and conferenco EMAP Maclaren, Maclaren House, 19 Scarbrook Road, Croydon, Surrey CR9 10H - let 081-688 7788, fax 680 0306

2-5 May interplastica Azean 95 Plastics and rubber frade fair for Southeast Asia, Singapore World Trade Center Bernd Aufderheide, Director, Shows Division 1. Messe Dusseldort Posilach 10 10 06, D-40001 Düsseldorf - tel +49 (0)211 4560-407

Southpack The Southern Packaging Exposition. Atlanta, USA, Reed Exhibition Companies - lel: 081-948 9900 15-18 May Recycle '95

International forum on environmental technology, Swissôtel, Zürich, Switzerland, Maack Business Services, Moosacheistrasse 14, 8804 Au/near Zürich, Switzerland - tel: 010 41 1 781 30 40, fax: 781 15 69 18-21 May ProPak

International packaging and food processing exhibition, Bangkok Thailand Overseas Exhibition Services. 11 Manchester Square, London W1M 5AB - tel: 071-486 1951

or in a service Edubation, a. Commission (Continue) Mg (4m), 31 years, 31 CH-4021 Basel, Sadzerland - Jet. 41 61 086 2020

31-3 May/June International mineral water and

ti-verages exhibition, Lake Corno, Italy MOE Fiera Milano, Milanfair Overstas Exhibitions - tel 02-4997 7906/7407. tax 02-48193029-28102409. 1-2 June

> Discutting symposium, North Carolina, 103 International discutting symposiums, c/o Larson Associates, 95 Mount Blue Street, Norwell, MA 02061-1015, lei 1-617 659 2115, fax. 659

ICAP Expo 95 Exhibition and conterence for the automatic identification and data capture market, NEC, Birmingham, Advanstar Exhibitions - lei: 0244 378888, lax 0244 370011 21-24 June

AsiaPack/AsiaPrint/AsiaPlas International packaging industries/printing and graphic arts/plastics and rubber exhibition Singapore Reed Exhibition Companies tel 081-910 7910 25-28 June International food processing exhibition,

Melbourne, Australia Enterprise Associates, 30 Pennylord Court, Hamlerson Orive, London NW6 SUF . rel: 071-289 6982

27-29 June Pak-Expo, Ireland Exhibition, Dublin Garret Buckley, Expo Exhibitions Ltd, Unit 8, Sandyford Office Park, Sandyford, Dublin 18 - tel 010 353 1 2958181, fax 010 353 1 2958187 9-12 July

Foodpro Food processing machinery and equipment exhibition, Sydney, Australia. Riddell Exhibition Promotions, 135-141 Burnley Street, Richmond, Victoria 3121, Australia - tel: 61 3 429 6088 2-5 August China international Manufacturing

Week '95 Manufacturing event, Beljing, China Read Exhibitions Pte Ltd, 1 Maritime Square, 12-01 World Trade Centre, Singapore 0409 - tel: 65-271 1013, fax: 65-274 4666

FUTURE EVENTS 17-19 October 1995 National Packaging Plus Tel: 081-681 6699 14-16 November 1996 PPMA Show Tel: 081-681 8226, fax: 081-681

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Tel: 0284-701381 Call on 0839 772268 or enquiry number (K12-000) MEET THE ASSOCIATION

Fibreboard fights back

marketing committee about its campaign to com-

bat the 'bash the box brigade.'

main targets for the campaign -

which has run throughout this

year - has been the retailer. "It

has been fashionable for some

people to 'bash the box', which

has alarmed some retailers," he

savs. "What our campaign is

designed to do is to put the

record straight and get across

used, the cardboard box is still

by far the most popular, he

told Packaging News, and

every year, the amount of cor-

rugated used for transit pack-

aging increases. In 1991.

corrugated fibreboard repre-

sented 57 per cent of the Euro-

pean transport packaging

market, as compared to 47 per

cent in 1986. Last year in the

UK, corrugated production

The banner for the marketing

campaign has been Fibreboard

Packaging - the World's

Favourite. Two fact files.

underlining the qualities of

fibreboard packaging, have

been distributed to all membe

companies, and they are in

It is hoped that this struc-

tured approach will belp all

sales people in the industry to

put a positive message across

to customers. Seminars have

also been run to give funda-

mental training as to how these

tinues to work in more tradi-

tional areas. Bernard Stonestreet,

director of the BFPA, is

responsible for training, safety

There are various commit-

tees, acting for smaller, sheet

plant converters as well as solid

board members. These report

to the Council of 15 members.

The work of the BFPA is discussed at the Annual Confer-

ence, which brings together all

sectors of the industry, includ-

Meanwhile, the BFPA con-

packs should be used.

and negotiating work.

reached a five year high.

Fact files

Of all packaging materials

the facts."

gormed in 1919, the The fibreboard packaging industry believes the British Fibreboard cardboard box has been wrongly criticised at a Packaging Association (BFPA) is one of the time when the whole subject of packaging has earliest of the industry trade become a hot political Issue. bodies and today represents 90 per cent of British corrugated Gail Lea talked to John Wootton, chairman of and solid board producers. the British Fibreboard Packaging Association

It addresses issues relating to manufacturing and best practice, the environment, marketing and employment policy (which includes safety and training). Over the last five years, the BFPA has also recognised that the industry needs to be more proactive about promoting itself.

"Traditionally we have spent our time comparing the different types of corrugated rather than exalting the virtues of the material itself," says John Wootton, chief executive of the Rigid Containers Group and chairman of the marketing committee of the BFPA.

Forgotten

"We have been alarmed that users and even the government have forgotten just why it is the most widely used form of packaging in the world." So BFPA members agreed to spend £250,000 on a campaign to convince store operators and retailers of the many benefits of the 'cardboard' box.

Points stressed by the cam-O Fibreboard packaging played a major part in the supermarket revolution in the

• It has enabled the palletisation of industrial goods

In 1992, the BFPA formed Repak, a voluntary and cost effective recycling system for waste fibreboard transit packaging. The BFPA is keen to point out that this move was well ahead of its time and has meant that about two thirds of

all corrugated now produced is made up from recycled material, 60 per cent of which is itself recycled.

British Fibreboard Packaging Association: 2 Saxon Court, Freeschool Street, Northamp-10n, NN1 IST - tel: 0604 21002, fax: 20636.

Dusty soup and cake mixes. Oily cooking sauces. Dry, abrasive breakfast cereals. The film that packages these must seal easily through grit, grease and granules.

A Pira directory, 1994

technology

David Shires

A Pira review, 1993

for ilthography

A Pira book, 1993

colour publishing

A Pira book, 1993

A Pira book, 1994

A Pira book, 1991

Anthony Mortimer

Short run printing

A Pira technical report, 1993 £375

To: The Print and Packaging Book Club,

Maclean Hunter Ltd, Maclean Hunter House, Chalk Lane,

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CLUB BOOK

The Print and Packaging Book Club is a collection of the best print and packaging information from some of the leading publishers in this field

The BFPA campaign aims to raise awareness of the qualities of corrugated, particularly among fillers, retailers and consumers

of modern distribution would great demand. not work.

At time of launch, Mr Wootton said: "Our product reaches deep inside the factory to take goods that are yet warm from manufacture. It cradles them through warehouses and on to lorries, right to the point of sale.

Midwife service

"We can reasonably say that our product is the midwife of production."

Faced with the problems of disposing of waste packaging on the one hand and legal responsibility for it on the other, some retailers have turned to reusable systems offered by the plastics industry, says Mr Wootton.

This is why one of the

MARKET REPORTS ENVIRONMENT

Frans Lox Packaging, the environ and the consume A Pira review, 1991 David Perchard

Environmental glossan

Packaging and ecology

A Pira book, 1993 Dooley/Kirkpatrick

A Pira book, 1992

research directory A Pira directory, 1992 Life cycle analysis

A Pira conference paper, 1992 £60 Developing an environmental policy

MANAGEMENT AND QUALITY Pira guide to print management

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A Pira book, 1993

Advances in plastics packaging technology A Pira book, 1993 John Briston

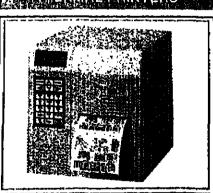
Gunilla Jonson European food packaging and migration research directory

£45

Pira guide to management information systems for printers A Pira book, 1991 John Birkenshaw Commercial gravure presses i western Europe A Pira directory, 1994 Pira guide to colour control Modern gravure technology A Pira review, 1994 £65 Harry B Smith Guidelines for choosing the Screen printing correct viewing conditions for A Pira review, 1994 £65 Wiillam Appleton An Introduction to the printing processes A visual aid guide, 1994 An introduction to web printing Michael Barnard The printer's ink handbook Pira guide to colour reproduc-Maclean Hunter Chris H Williams €24.50 tion in the printing industry 1994 Print price guide £72

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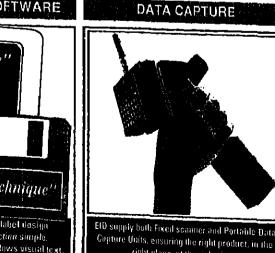


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PACKAGING NEWS/DECEMBER 1994

Cockfosters Road, Barnet, Herts EN4 0BU. NAME 4350 JOB TITLE COMPANY £375 ADDRESS £650 TELEPHONE NO. QUANTITY BOOK TITLE PRICE £ £25 £45 Total book value Chaque enclosed Corrugated board packaging

Postage & packing £2.50

Bruce Wilson-North, previonsly commercial director, is now general manager of Elopak Ltd. Mr Wilson-North has worked with companies including Metal Box and Courtaulds, His ambitions include ensuring that dairies have a genuine choice of materials and philosophies.

Alan Reeve has been appeared ed executive director and Janet Cohen non-executive director: at John Waddington plc. Mr Reeve currently has responsibility for the group's packaging and labelling business. Mrs Cohen's other non-executive directorships include the Charterhouse Bank Lid.

Lindsay Fortune has been elected chairman of Incpen, with Michael Stone as his deputy. Mr Fortune, head of health, environment and safety services for Courtaulds ple, takes over from Michael Armstrong. Mr Stone is director of environmental affairs for David S Smith.

Brian Curtis, md of Carnaud Metalbox Foodcan UK, and

John Bence, senior vice president of European packaging : cocrations at Stone Container Corporation, love accepted invitation, to become vice. presidents of the Institute of Packaging.

James Crick has joined Plysu Containers as md of the Dairy



four within the containers. business - underlining the company's determination to run each division as a separate Joisiness, Mr. Crick was formerly general manager at Zeller Plastik in the UK.

Jim Mitchell has taken over as sales director at Mono Containers, after eight years with Wavin Industrial Products. Kim Mckay will take up responsibility for developing business in the north of Figland and in Scotland as business development manager. The company is centralising its sales and customer care functions at Durham.

Tony Dimech has joined the management team of Sellotape



GB as sales and business development manager for the industrial division. In his new role, Mr Dimech will extend the duties carried out previously as sales development manager.

Manfred Brandt has been announced as the European technical services manager for Klöckner Bartelt's Cloud high speed pouch machinery. Mr Brandt will oversee service in the UK and the rest of Europe from Chesterfield, Derbyshire.

Malcolm Vale has been appointed technical support manager at Supastrip International, a division of PP Payne Ltd. He will give technical support to customers in the UK and the rest of Europe.



Aalcolm Vale

manager at Payne's US sister company Supastrip Inc for Latin America.

Philip Rawlinson has played a leading role in the formation of Keane Graphic Products' prepress division with his appointment as product manager. The

division will offer the Phyrimetal range of litho plates, chemicals and equipment

Stewart Vass has joined contract manufacturer and filler Fleet Laboratories, part of the DDD group, as quality assurance manager. Formerly he was with Johnson and Johnson.

Colin Wright has been appointed operations manager, caps and closure production, at RPC Halstead, previously part of McKechnie Packaging. Mr Wright has held senior management positions with Smiths Containers and Airopak.



Mike Hodge is now sales representative at Fishburn luks, a division of BASF Coatings and Inks Ltd, with responsibilities for London and Essex.

Julia Harris will now lead Robinson Special Packaging's presentation packaging and rigid box sales team. Robinson sees presentation packaging as a growth area.



Tel: 0480 493344 Fax: 0480 493343

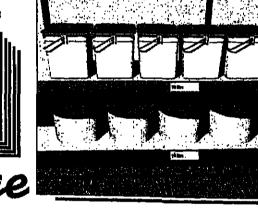


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PACKAGING NEWS/DECEMBER 1994

Passport to Pakex



The passport style ticket produced by Reed Exhibitions for Pakex 95

Over 91 per cent of the stands available at the Pakex 95 exhibition have been sold, which represents 48,000sq m of space. With five months to go, exhibition director Dominique Fraser is confident that the show will be a world class event with over 1200 companies represented.

Addressing a forum of the world's packaging press last month, Ms Fraser outlined the benefits of the collocation of the Food Processing Technology (FPT) and BBT, the drinks processing event with Pakex. She also emphasised that the new ticketing system will make visiting all three events casier.

A visitor who preregisters for any of the shows and indicates principal areas of interestwill receive from the organiser a 12-page bespoke passport, allowing him or her to move from one show to another, without the need to reregister.

Other benefits of the system include a personalised map showing the car park nearest to the area of interest indicated and the correct entry point to the show. The main stands will be highlighted on an enlarged floor plan.

Five exhibiting companies took part in the forum, many outlining new products to be launched at the show. Willett (0536 400777) will introduce several new products, including a low cost inkjet coder which will sell for around £4000, an electric foil coder and an infra-red inks and anti-

counterfeiting system.

One unit, which was previewed at Pack Expo in Chicago last month and will be on show at Pakex, is a high speed programmable laser coder, said to provide competitive performauce at a competitive cost.

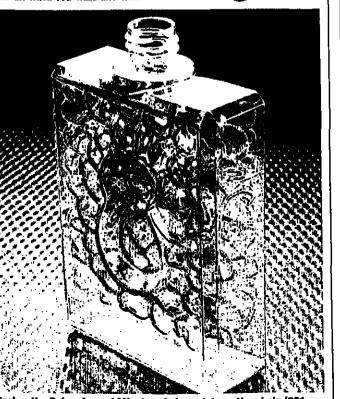
Willett outlined its industrial supplies customer services, including customised labels.

Waddington & Duval (081-540 6810) will show its full range of plastics taps, which are suitable for a wide range of liquids and containers, including four new ones. These are a specialised water butt tap, an air returning tap for smaller containers, a Quick connect tap and the front-push version of the press tap.

CE King Ltd (0932 565191) will launch an eight lane version of its Technocount electronic tablet counter, the 16 lane version having been introduced at this year's PPMA Show. The modular unit is designed to be speedy, flexible and easy to operate.

United Packaging plc (0274 862616) outlined its ranges of pallet stretch wrapping equipment and Ildpe films.

For further information, contact Reed Exhibition Companies Ltd (Oriel House, 26 The Quadrant, Richmond, Surrey TW9 1DL - tel: 081-910 7890 (exhibitors) or 081-910 7910 (general enquiries), fax: 081-910 7848).



During the Pakex Inward Mission, Delcam International pic (021-766 5544) gave a demonstration of its Duct range of software for use on cad/cam systems, and the benefits this equipment can bring to the designer of containers. Pictured is a Salvador Dali perfume bottle, designed on the system.

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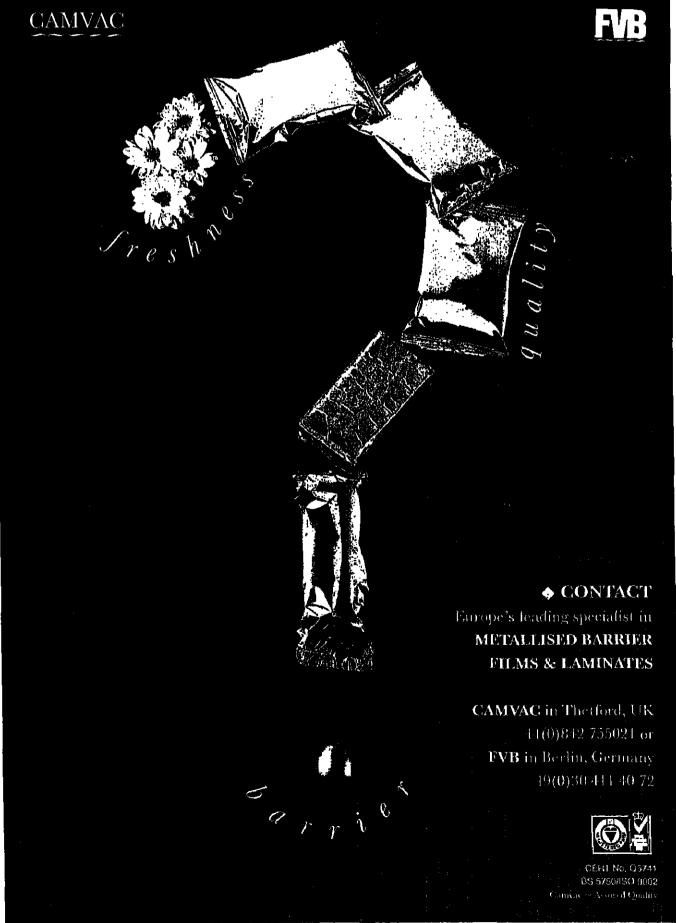
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A savoury upgrading



The Cintex AutoWolgh combination unit: installed as upgrade at Dorset Foods

A combined metal detection and checkweighing installation has gone into Dorset Foods. contaminant screening. Ltd for screening a variety of savoury foods including scoreh

eggs and pienic eggs. The Cintex AutoWeigh unit, combining the AutoSearch digital metal detection system with a CS2000 checkweigher, has been installed as an upgrade to one of Dorset Foods' principal lines. The AutoSearch is said to bring together advanced. software and proven search head technology, providing the

highest levels of sensitivity for ferrous and non ferrous metal-

"We decided to upgrade quality control on the savoury products line and selected the AutoWeigh model because it offers a proven and well built. system," says Dorset, part of Northern Foods.

Product weights vary from 200 to 300g, checked against European average weight legislation. The checkweigher also features a primer to give data management reports. An air

matically rejects underweight packs or product where metal is detected. The system is finished in stainless steel to provide corrosion resistance and the hygiene levels required by the food industry, says Cintex (Unit 12, Trident Industrial Estate,

685261, tax: 681814). Dorset Foods has also ordered a stand alone CS2000 checkweigher from

Blackthorne Rd.

Colnbrook, Slough,

manufacturer has developed an automatic self test system for metal detectors where equipment is inaccessible to standard test procedures. The system is designed to validate the operation of throat detectors on vertical ffs machines.

Without interrupting product flow, the test unit automatically inserts a calibrated stick into the coil's electromagnetic field at intervals that can be preset.

Integration, higher accuracy and - with checkweighers - direct feedback capability to filling are just some of the features increasingly demanded by end users. As a market update, we offer a selection of installation case studies involving metal detection and checkweighing equipment from the major manufacturers.

Networked pre-fill checking of bottles

weighing of blowmoulded plying EC1000 checkweighers hdpe bottles is to provide BP and a CC1000. These reach a tolerance of ±0.5g on a range of Chemicals Bottles and Closures with quality control at its hdpc bottles from 250ml to 5 litres. Products filled range Leicester production site. With weighfilling cusfrom food and drink to housetomers in mind, BP is ensuring hold chemicals and motor oil.

weights before they drift out

of tolerance limits. Replacing

regular manual quality control

checks, the automatic system

checkweighed samples from

each blowmoulding machine

on a regular time interval,

which has given a quite reason-

able level of control. Now we

will be able to weigh every bot-

tle, maintaining a more accu-

rate standard tolerance," says

factory manager Max Parker.

"We will also have a record of

the weight of every bottle for

Optima's UK agent Sussex

confirmation to customers."

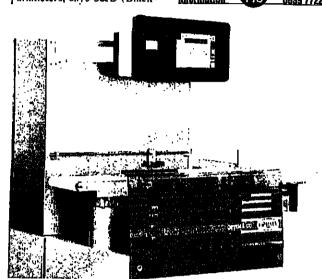
"Up to now we have

will free up staff.

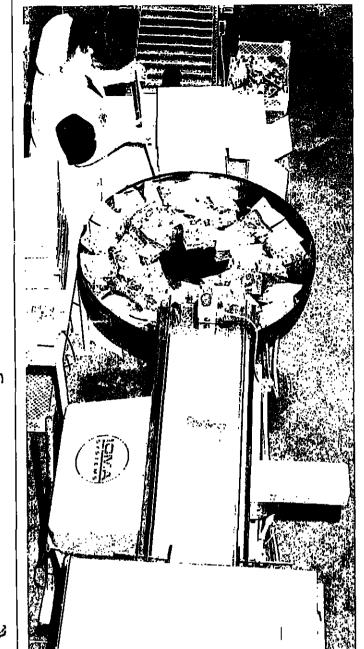
The machines operate in consistently tighter tolerances by installing checkweighers full 'policeman' mode, autofrom German manufacturer matically rejecting any con-Optima, Trend information tainer falling outside preset from the network will also parameters, says S&B (Blackallow for correction to bottle

nest, Alton, Flants GU34 4PX - tel: 0420 22669, fax: 22687). There is also a central pe in

the production offices where management information can be stored and retrieved as necessary. "Supervisors will now be able to check on any of the blowmoulding machines at any time to ensure they are running correctly," says Mr Parker.



Optima CC1000 checkweigher: operates in full policeman mode



Checking Gummi Bears, Fried Eggs and Killer Whales

METAL DETERTION AND CHECKWEIGHING

Checking of children's contectionery is being entrusted to Loma Systems' Superscan Micro metal detectors, installed at the German Gummi Bear factory in Germany.

All tastes are catered for at the factory, which produces around 100 chewy shapes varying from the classic Gummi Bear to Orca Killer Whales and Fried Eggs. Computer control combines with visual checking up to the bagging stage.

Soon after they are packed, the sweets are scanned by the Loma equipment, which uses pushers to reject contaminated product. Line speed is up to 100 bags a minute.

Gummi originally used detectors from another manufacturer, but these did not prove satisfactory, says works director Gunter Tilsner. "We have been very impressed with the Superscan Micros' performance," he says. "They are extremely sensitive, very user

Loma Superscan Micro metal detectors check packets of sweets at the Gummi Bear

friendly and their multiple product memory is particularly useful to us as we handle so many different varieties."

The installation of the metal detectors enables the company to meet its internal quality requirements and those of customers, including some of the largest European retailers, says Gummi.

Being well built, the equip ment is also said to fit in well with the modern design of the factory as a whole.

Gummi packs product into polybags varying in size from mini inflight bags to family packs and also into tubs. Two further Superscan units have been ordered for the Boizenberg plant, one of which will be installed on a tub line, says Loma (Southwood, Farnborough, Hants GU14 ONY - tel: 0252 540346, fax: 513322).

Three units have also been ordered for a second factory being built at Hagenow by Gummi, one of the fastest growing children's confectionery manufacturers in Germany.



Pregnancy scan makes sure nothing is missing

Checkweighers [from Anritsu are being used in a two stage checking installation at pregnancy test kit manufacturer Unipath as part of an expansion pro-

Unipath, which produces Pregnancy test

kits, is extending its product range. As part of this expansion, the company is to install Anritsu's KW600AU model, which has an accuracy of 0.03g, weighing each test unit direct from the flowrapping machine. The aim here is to confirm that the tester is actually inside the pack, but also that all components are present.

A second Anritsu is to be positioned after the cartoning and overwrapping stage, ensur-ing that no products or leaflets are missing. Unipath has been able to

monitor the reliability of this system from previous installations of the same model checkweigher. "The Anritsu checkweighers were chosen because of the reliability and excellent reputation they have



the Clearblue Anritsu's intest addition to the range

years within our factory on existing production lines," says Gary Wood of Unipath.

Anritsu has launched its range of FC checkweighers, available from January '95 from UK agent Skerman Promac (162 Windmill Road West, Sunbury on Thames, Middx TW16 7HB - tel: 0932 789646, fax: 761830).

The FC machines incorporate an easy to read display, up to 50 product parameters, electronic damping and the Total Timing System which avoids the need for complex weight and delay time presetting. With this system only product length and speed are required.

The high tolerance weigh head monitors any variation in product weight.



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PACKAGING NEWS/DECEMBER 1994

Pharmaceutical winner

A French pharmaceutical laborratory has opted for metaldetection equipment from Graseby Goring Kerr, which won the contract in the face of fierce competition from other manufacturers.

Producing capsules for the over the counter drugs marker, 1TM required precise and sensitive screening of its product, citing these benefits as the main advantages of the Graseby TER DSP pharmaceinical sys-

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END TO

tent. A sensitivity of 0.13mm was achieved in tests in France as opposed to 0.15 reached with rival equipment.

The all stainless steel machine consists of a search head, reject system and stand. Its sensitivity derives from the use of a digital signal processor, says Graseby (Vale Road, Windson, Berks SL1 5JX - tel: 0753 869351, fax: 840079).

For further K12 Call for details information 110 0839 772268

A crisper style of checking he installation of 35 Ishida theckweighers over two sites,

minimum weight on a variety

of snacks including crisps and

Wotsits in 30g bags. There are

also 050 models checking

Ishida-Nonpareil seal

testers - the INT100 single

tube and INT200 double tube

versions - provide a quality

The DAGS.V range

check for all bags.

with seal testing inline also loadcell also permits high accusupplied by Ishida equipment. racy perfor-The 17 checkweighers on mance even in the Corby site - operating hostile factory since the summer - and 18 at Widnes are all from Ishida's The com-DACS,V series, The majority puter system installed are the O12 model, includes a 50 used to check average and

product memory, and unlike other systems takes account not only of target weight but also linear belt speed to ensure

allow for high accuracy main-

tained even at the highest line

speeds, Its anti-floor vibration

that maximum

efficiency is achieved. Automatic computation of Features include a conveyinploys dynamic calibration to average weight parameters is

downtime to a minimum, says targets while ensuring that tar-Ishida (Crystal Drive, Smethgets beneath legal average wick, Warley, W Midlands Boo weight settings cannot be 1RI - tel: 021-541 1441, fax: entered

through oper-021-544 4659). Ishida-Nonpareil's ator error. INT100 and 200 seal testers Histograms offer the non destructive testing of packs, with reject product which can then be plays possible repacked. They can cope with variable fill volume - a comtem. An intemon problem with snacks such as crisps - due to the multiple gives quality function test incorporated into control, production and product set-

Leaks as small as 0.5mm in diameter can be detected, with tests carried out successfully when the pack is in almost any orientation.



also priorities. The machine runs in its

High speed scanning of anti-asthma aerosols



Electronic Controls' Tribune II checkweigher, specifically for pharmaceutical lines, is for the high speed checking of anti-asthma inhaler aerosols.

Installed at an unspecified manufacturer, the Tribune is handling acrosols measuring just 19mm in diameter and a slightly larger size at speeds of up to 200 products a minute.

"The high accuracy is the crucial feature," says Hitech md Cliff Hannam, although handling of such a difficult aerosols are not damaged were

Hitech Electronic Controls

ting details,

available in

product and ensuring that

The twin track Tribune if checkweigher available from twintrack format using the Hitech HA (high accuracy) weighcells, good results have been obtained in production conditions. In fact, the twintrack system can weigh up to 160 aerosols a side.

Accuracies of ±12mg are achieved, says Hitech (Dolphin Way, Shoreham by Sea, W Sussex BN43 6NZ - tel: 0273 454511, fax: 454471). The software algorithms used ensure that this consistency is maintained, says the company.

Miniature scrolls

Pitching of the small aerosols is via miniature scrolls, with an air jet providing automatic reject for product that is not within the given tolerances.

There is also a printout capability to satisfy UK minimum, EU average and US Federal legislation, available at the push of a button.

Before You Choose The Wrong Checkweigher

Weigh Up The Advantages of Sparc Systems Checkweighers

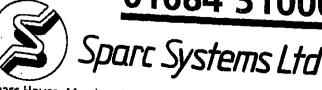
Check the facts on the Sparc range of Checkweighers and discover how cost effective they really are.

Sparc Automatic Checkweighers are:

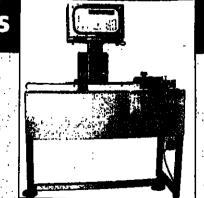
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PACKAGING NEWS/DECEMBER 1994

METAL DETECTION AND CHECKWEIGHING

Conveyorised metal detectors have been installed at Concen

David Brown, Maclean Hunter Ltd., Madean Hunter House, Chalk Lane,

Cockfosters Road, Bornet, Herts EN4 OBU.

and cost efficiency

<BINTEX</pre>

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The First Choice

mote Control Option
Special Systems Facility

Networking of different check-weigher models is giving Eden Vale Minsterley central management information capabilities, linking its existing battery of nine machines for greater speed and cost efficiency.

The latest microprocessing electronics have been used in the upgrade to the Driver Southall P90 and P450 checkweighers already equipped to download product settings - average weight, total acceptable weight, total reject weight, for example with the management information system (MIS) now allowing central control by a single manager.

These systems can link up to 100 machines, says Driver

Industrial Estate, Maybrook Road, Brownhills, Walsall WS8 7DG - tel: 0543 375566, fax: 375979). Software can be written to end user requirements.

"We have a large variety of different flavours and sizes of product processed at speeds of up to 9000 pots an hour and we see the investment in a MIS as an essential quality safeguard," says factory engineer lohn Harvey. Information can be dis-

seminated to or retrieved from the various weighers in the factory and stored with a capacity for retaining up to 2500 product/retailer combinations.

INTERCHANGEABLE
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USER FRIENDLY

METAL DETECTORS

Networking for speed | Conveyor system keeps up confectionery standards

is enabling Concept Foods of Leeds to screen confectionery product for all metal types.

ed to match or exceed their high standards, says produc-

type, including stainless steel," says Ms Stewart. Safeline integrated one of its metal detectors with a customised conveyor system into Concept's automated production line between the flowrap and retail packing stages. When a suspect pack is identified, the line is automatically stopped.

"We needed a super sensitive

metal detector to identify every

piece of metal, irrespective of

A performance validation routine can give a hard copy printout of all test parameters when checks are carried out with contaminated samples twice an hour.

Before selecting this equipment, Concept made a thor-

ough study of the market, carrying out not only machine trials but research into each manufacturer, says Sateline (Montford Street, Salford M5 2SN - tel: 061-848 8636, fax: 061-848 8595).

A similar conveyorised system has been installed by Safeline at Bolling Coffee in Huddersfield. This line required scanning of ground coffee in metallised sachets and, like the Concept system, needed high sensitivity to all metals.

Safeline's digital technology means that systems can be preprogrammed to recognise and ignore metal elements in

the packaging.
The Bolling installation also required the flexibility of a reliable multi product memory, while also fitting into the company's specification of a "realistic price".

For further K12 Call for details information 122 0839 77228

A new book produced for the paper-film-foil flexible substrate



Call on 0839 772268 or enquiry number K12-440

publishers price

Convertex

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dous success: 2409 visitors

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for suppliers to the paper,

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iser Reed Exhibition Compa-

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ADAPTORS

fall as plant expands

A 30 per cent increase in the size of manufacturing plant at the European liq of Alilbrandt Systems is enabling the compamy to improve lead times and to extend its range of corona discharge treating (cdt) systems.

Located in Germany, the plant will ensure that production keeps pace with the increased volume of orders and will provide the necessary read facilities to allow ongoing commitment to advancing edittechnology, says the company (UK: 64 Edison Road, Aylesbury, Bucks - tel: 0296 432096. fax: 432098).

As well as improved lead times, the facilities provide direct access to the latest engineering services offered by the

"Equipment provides high levels of treatment"

A number of new systems, including the latest range of high speed corona discharge treaters, are available. Designed to operate at line speeds of over 600mpm, the equipment is said to provide higher levels of treatment than competing systems.

In addition, the high speed treaters have a low power requirement, which significanty reduces running costs and ilso minimises strain on system

Other new products include an enhanced range of ceramic electrodes and roll

Versatility wins

283411) has secured a second order for a Cameron Type 1040 duplex slitter rewinder from a Thai customer who liked the versatility of a similar

papers to coated papers, laminew machine will be 1.6m wide speed of 600mpm.

Lead times | Linerboard rewinder installed

linerboard market has just been completed by Synpro Machine Initiative Ltd. The 2200mm wide twin

drum surface rewinder is part of a larger upgrade package on a flexopress completed for a major print and packaging company. The winder will improve the flexibility of the line, since it allows the customer to increase reel diameters to 1500mm, says the company (River Works, Shepley North Industrial Estate, Shepley Road, Audenshaw. Machester M34 5DR - tel: 061-335 0748, fax: 061-335 9803).

For flexibility, the unit offers two core diameters. This allows the customer to service several different industries and to run a wide range of substance weights.

Synpro has also designed specialist bolt-on longitudinal



perforators for crepe paper, as "We have put extra effort well as multihead rotary perfointo the design, but the payrators to go inline with existing back is a substantially improved process for our cus-

istol Way, Stoke Gardens,

Slough, Berks. SLI 3QE.

Tel: 01753 825122 Fax: 01753 694653

Gall on 0839 772268 or enquiry number (K12-671)

tomers," says Synpro's technical director, David Burke.

Pe cores help to overcome dust

cardboard cores onto which labels, bags or polyethylene film is wound can now be overcome by adopting an extruded pe core from Plastic Cores Ltd.

During packing or labelling processes, cardboard core ends rub together or against a machine and the result can be unwelcome airborne dust particles and a potential contamination problem, says Plastic Cores Ltd (Plastic Cores Ltd, Victoria Works, Dean Clough, Halifax HX3 5AT - tel: 0422 383004, fax: 341365).

Resist wet and damp According to the company, its pe cores will not allow micro

rganisms or bacteria to

The plastics cores are man-

damp conditions.

ufactured from recycled pe-After use, they can be returned for further recycling. The cut core ends are said to be smooth

mechanically strong and they

are highly resistant to wet or

Inside diameters

Plastics Cores Ltd can supply all the commonly used inside diameters between 25 and 152mm and lengths are accurate to ±0.2mm.

Among companies to adopt the plastics cores are a specialist pharmaceutical film manufacturer and a number of label manufacturers that supply the food industry.

grow. The cores are also

TURN TO THE BACK

tems Ltd (C and L) has just been shipped to America, where it will be making and sealing surgical plastics pouches, used to wrap sterile prod-ucts ranging from dressings to The £160,000 order was

A specialist machine from Coating and Laminating Sys-

secured by C and L against stiff international competition and is similar to another machine just installed in Northern Ireland, Both machines were ordered for plants belonging to the Philadelphia-based company, PMCO.

Operating in clean room environments, this type of machine comprises a double guided unwind, thumb notch station, main platen, chevron platen, hole noteh station, slitting station, guillotine and output conveyor with overall control exercised through a Philip Hopley, director at

C and L, believes that because it has been designed to take and modern materials from the new machine will also be economically attractive to commercial bagmakers generally.

The main platen area is 650

marketing manager of Coating and Laminating Systems Ltd outset, rather than being an updated piece of equipment like so many on the market, the

Sealing surgical plastics pouches ting station allows a choice of rotary, razor or crush cut slitting. The standard 700mm wide output conveyor is fully motorised to give either shingle or stack control at speeds typically in the range of 60 to 100 cycles a minute, says the company (Bank Works, Tuel Lane, Sowerby Bridge, W Yorks HX6 2EQ - tel: 0422 835692, fax: 831167). The actual rate of production depends on pouch or bag length and the number of lanes

set across the width of the machine. Medical bags are sometimes in the region of 1500mm long, and so the bag length can be set anywhere between 50mm and as much as 2500mm.

Hotmelt slotdie unit

growing interest in hotmelt coating systems, Shepherd Associates has produced a hotmelt slot-

die coating unit suitable for most laboratory pilot coating 1098. The offer ends on Janu | units or small production machines. Manufactured

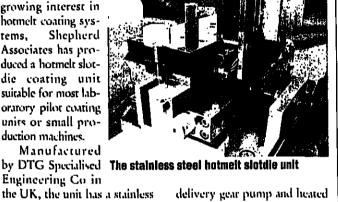
Engineering Co in

the UK, the unit has a stainless steel precision slotdie, with four independently heated and controlled temperature zones, and is mounted in a manipulating unit which has all the positioning and setting controls.

Available in various coating widths from 250mm up to 1000mm, the unit is suitable for use with all hornelt resins and polymers. It is supplied with a complete package of hotmelt tank, variable speed delivery hose.

The total system is competitively priced and is supplied direct from the manufacturer at exworks prices, says Shepherd Associates (16 Knowsley Road, Hoole, Chester CH2 3RL - tel: 0244 341283, fax: 341283).

The coating die system may also be used for coating cold adhesives and polymers.



CUSTOM

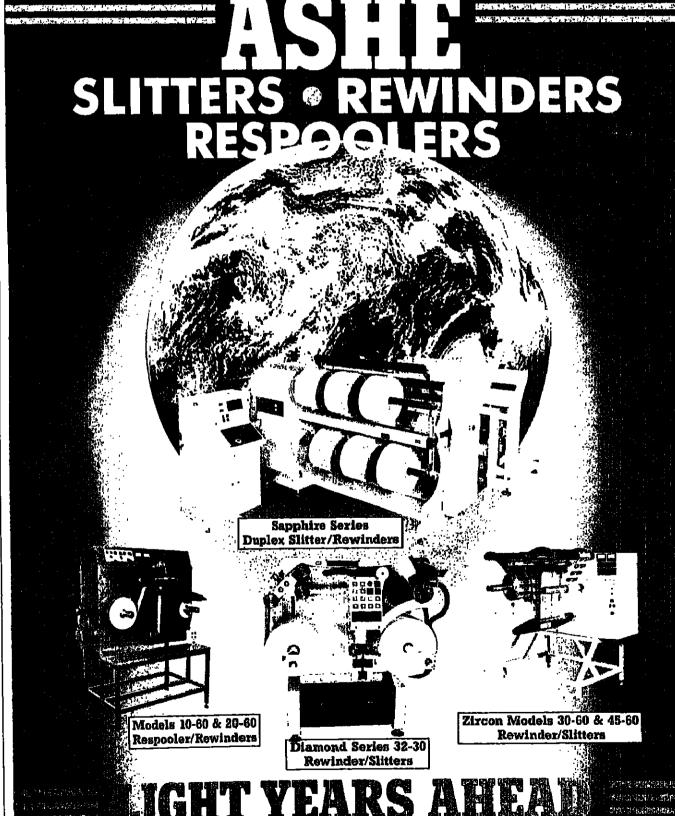
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PACKAGING NEWS/DECEMBER 1994

Thai orders

BM Machine Ltd (0823

unit purchased 12 months ago.

The Thai company, PSC, converts some 25 different substrates, ranging from plain nates to acetates, and coated aluminium foils to films. The and have a maximum operating

Enthusiastic response to log slitters

of ple controlled log slitters from CMC. Converting Machinery Cevenini UK has been installed at Adhesive Tapes and Conversions 1 td of Crowborough.

The model ET500PLC has been supplied and CMC (13 Hayes Metro Centre, Springfield Road, Hayes, Middx UB4 Of.E. - tel: 081-813-6243, fax: 081-813 6244), espects orders for other models in the range following an enthusiastic

response at Convertex.
For further K12 Call for details information 616 0839 772268

Designed to handle short run lengths adhesive converters have been recorded for the SM150 shirer.

Designed to accommodate short run lengths, the knife change, reel loading and unloading systems are one person operations, says the company (Portland Street, Bury, Lancs BL9 6EY - (el: 061-762) 9737, Jax: 061-762 9738).

rewinder from Parkland

Machines Ltd this year.

The machine is available in single, two or three motor drive options with ultrasonic diameter sensing and a variety of open and closed loop tension systems to guarantee consistency in finished reel quality.

Several machines have been supplied to flexible packaging

The Leaf Shaft

The Tidland Series '650' is probably the most popular and most

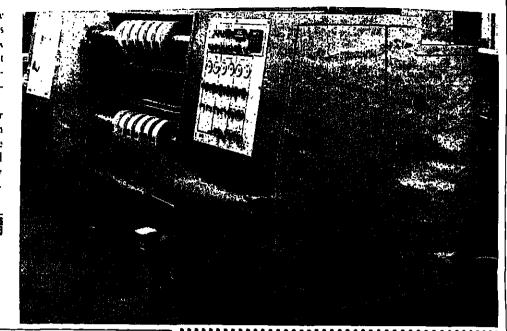
widely used Leaf type air shaft available on the market today.

This shaft is capable of securely holding reels during all speeds

variety of films, film laminates and foils. The SM300 Simples centre surface slitter, the latest in the range, has a self-contained reel loading and unloading system.

"We have increased our production capacity and designcapability to cope with the increase in business," says md Peter Kelly, "We are now looking to move premises during the next 12 months."

The SM150 litter rewinder from Parkland : knife change, reel loading and unloading are one



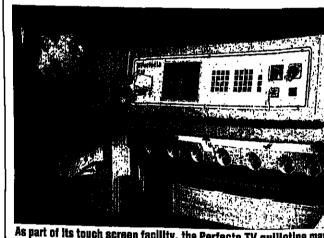
Touch screen guillotine

Hailed as a first in the guillotine market is a range of machines with touch screen facilities for programming from German manufacturer Perfecta.

This touch screen method replaces the system of programming the guillotine via push buttons, says the company's UK agent, GHE (148 Maidstone Road, Sideup, Kent DA14 5]B - rel: 081-302 0021, fax: 081-300 0013). It is

programming instruction sequence to reduce the operator learning curve.

In addition to programming the guillotine, the operator can control all ancillary equipment through a separate on screen menu. The guillotines will initially be available in 115 and 132cm sizes. For further K12 Gall for details



As part of its touch screen facility, the Perfecta TV guillotine may be fitted with a 'smart card', for extended memory capacity

of web winding and unwinding. It is an ideal winding shaft for the majority of production and converting requirements. The Leaf shaft permits winding of single or multiple reels with or without cores and inflates instantly to provide 360° grip at 80-100 p.s.i. The screw-on leaf feature permits replacement of external leaves on site, should damage occur. Available in standard steel-aluminium, or in all aluminium. Tidland Leaf Shafts are fast, lightweight and easy to handle. For more information please call us. 70/72 Manchester Road, Denton, Manchester M34 3PR Phone 061-320 7242 Fax 061-320 4513 Call on 0889 772268 or enquiry number K12-692

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PACKAGING NEWS/DECEMBER 1994

Accurate colour measurements

To answer the demands of cer-Keynes MK13 8HF - rel: 0908 rain industries that require high-200400, fax: 200391). er accuracy and more analytical capabilities from colour mea-

surement systems, in particular

A true dual beam instrument, the CM-3700d uses a flat holographic grating which efficiently separates the light by

steps of measurement. All sys-

tem settings are controlled via a

computer, including switching

between reflectance and trans-

package, Minolta provides a

windows based quality control

To complete the system

mittance measurement.

research and development wavelength to provide The CM-3700d high repeatability for dark colours and, for compa-(UK) Ltd has produced a

bench top Spectrophotometer. The CM-3700d benchtop model allows measurements at wavelengths from 360nm to measure effects of OBA's or theorescent materials, the 740nm at 10nm pitch to be amount of uv in the illuminataken in approximately 0.6 section can be controlled in 1000

The illumination and viewing geometry meets 1SO and DIN standards from 12/8 and also conforms to CIE and ASTM standards for d/0 geometry. A pulsed xenon lamp provides high stability, ong life and excellent repeatability on dark and high chromacolours, says the company (Rooksley Park, Precedent

and match prediction package. for most applications.
For further K12 Call for details information 0839 772268 Drive, Rooksley, Milton

Signing of the exclusive rights contract of the Spela Simplex jaw folder: (left to right) Mrs B Winter (managing director of Speta), Mr R Teunissen (md of Brent) and Dipi -ing V Löffler of Speta

Jaw folder rights acquired

Exclusive rights to sell the new Spefa jaw folder worldwide have been won by Drent Eerbeek in Holland. The company will market the products under the brandname, Samplex.

The cutting length of the Simplex is 609mm or 635mm. says the company (Postbus 9, 6960 AA Eerbeek, Holland tel: +31 08338 71911, 1.3x; +31 08338 71717). At a production speed of 30,000 revolutions in hour and eight pages at a time,

Hot foil print installation

County Labels Ltd of Macclessifield (tel: 0260 253135), has installed a fourth Aldo Berra 3CPE to print hot feal self adhesive labels with a further two machines, an Aldo Berra 2CPE and a Mark Andy 832 flexographic label press to be installed shortly at its factory.

duction of 30,000 folded sec-

tions of eight pages A4 an hour. The new jaw tolder has been developed in close cooperation with Drent and is said to be suitable for narrow web rotary machines

Concentric core chuck

CONVERTING

The SDA-Series mechanical concentric core chuck manufactured by Schlumpf ag of Switzerland is now being marketed in the UK by Arrowhive Equipment Ltd.

The chucks have a good expansion range and expand using axial forces generated by clamping rolls between the two sides of a shaftless unwind or rewind, says the company (Unit 11. Vanalloys Business Park, Busgrove Lane, Stoke Row, nr Henley-on-Thames, Oxon RG9 5QB - tel: 0491 682044, fax: 682117). Compact in design, they are said to be ideal for retrofit applications and are competitively priced.

For further K12 Call for details information 609 0830 772268



The Cooper Flexopress Series II represents a new generation of sheet-fed flexo printers. Offering superb print quality, the Series II is the ideal short run printer for sheet-plants, packaging material producers and for all applications

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Company Limited Heathfield Works Leyton Road Harpenden Herts AL5 2JB England Tel: 01582 764431 Fax: 01582 768608

Even easier to use, the Flexopress is available in single

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DOWNSTREAM

DOWNSTREAM AFEX 90 MM, ROT, 380 MM DIE, 1600 MI

DOWNSTREAM GLOENCO 3 LAYER CO-EX HOPE LINE DOLC! 75 KV, 1300 MM DOWN STREAM.

TWIN WINDER KIEFEL ROTEX 40 (4) KUHNE 49F, LDIHD, 1 M DOWNSTREAM REFENHAUSER 60, 1300 MM DOWN

RUPINE 43F. LUPIN, 1 M COWNSTREAM
REFENHAUSER 6), 1300 MM DOWN
STREAM
NIP UNITS 2 2 AND 2 4 MTR
80 MM BIELLONI, BACK TO BACK WINDER,
NIPS, 300 MM DIE
75 MM NEGNI BOSSI, NIPS, WINDER + DIE
RECLAIM
FALZONI MINI 60
HYDRECLAIM UNIT
PROCESS CONTROL UNIT (ASR)
1861 SKOPLAST 140/30 AND 180/110
ALPINE RE150/86, 1984
GLOENCO 80 MM, 40 STRAND DIE, CUMBERLAND PELLETIZER
FLEXO CI
MANZONI 8 COL. 4 CI 1 4 STACK, 850 MM
WEB, 1969, P6373
SIMON VK CENTRAFLEX 434, 4 COL. 47*
WEB, 36* SPUCING, P4601
CMF PRESTIGE, 6 COL, 1460/4M WEB, 1991
P8321

P8321 PADANÉ ZODIAC, 6 COL. 1350 MM WEB,

W&H OLYMPIA 1375, 6 COL., 1280 MM WEE 1972, P6299 W&H OLYMPIA 736, 8 COL., 1220 MM WEB 1977, P6293 COMENI BRUCH, 6COL. (4CI + 2 STACK) 950 MM, P6322 CMF MIRAGE, 5 COL., 1450 MM, 1966, P611 CARRARO MONOCOROFLEX, 6 COL. 1450 MM, P6147 MAF QALAXY, 6 COL. 1450 MM, 1986, P615 BIELLOFLEX CALA 400, 8 COL., 1200MM, 1962, P6333

1992, P6333 CMF MIRAGE 806, 6 COL, 1450MM, 1989.

CMF MIRAGE 808. 6 COL. 1450MM, 1989. P5210
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CARRARO KLIENER, 4 COL. 1050 MM WEB 1870, P5305
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1 1881, P6239

MANZONI NESAFLEX, 6 COL, 1270 MM WE 1983, P6239

J. C. E.M., 4 COL, INLINE, 1350 MM WE 8, P6300/P6301

FLEXOTEC HNICA, 3 IN 4 COL, FRAME, 1984 MM WEB, P6187

CARRARO MINICOROFLEX 701, 4 COL, 1280MM, 1978, P6177

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HOLLYEG, 6 COL, 610 MM, NON STOP LUWAW, PACKAGING FILMS, P6179

ROTOMEC, 7 COL, 1000 MM, PACKAGING FILMS, P6048

TECMO HELIO 306, 8 COL, 650 MM, 1976.

P6027 CERUTTI C10, 10 COL., REVERSING UNIT. LAST UNIT WAX & COLD SEAL, P6323 ROTOMEC, ROTOLUX, 4 COL., 980 MM WE 1970, P6324 CERUTTI 18R., SCOL., 990 MM WEB, 800 MM

CERUTTI 16R, SCOL. 990 MM WEB, 890 M LW/RW, PB334 CERRUTTI ES22, 8 COL., 1420MM WEB, 1972, PB463 ALBERTINA, 10 COL., 680MM, P6505 HOLWEG ATLAS H10, 8 COL., 870MM, P65 COATINAS AUGUSTINA

UNE 1100MM., P6018
POLYTYPE 'SOLVENTLESS', 1040 MM 19

POLYTYPE 'SOLVENTLESS', 1040 MM 197/ P5005
BONE EXTRUSION COATING LINE, P8097
BUBANI DRY LAMINATOR, FILM TO FILM,
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W&H VARICOATER, SOLVENTLESS, 1400
MM WEB, 1981, P6392
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LAMINATOR, P8098
KROCNERT PAN 820, WAX LAMINATOR,
1250 MM, P8102
POLYTYPE SOLVENTLESS LAMINATOR.

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BIMEC, 1400 MM, DUPLEX, P8420
GOEBEL RD 1000, PAPER SLITTER, 1000
MM WEB, P5066

MM WEB, P5066 HEIDERMANN, 800 MM, REEL TO REEL EMBOSSER, P8309 STRACHAN & HENSHAW SHEETER, MOD

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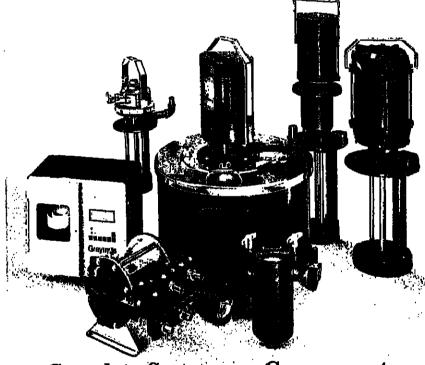
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PACKAGING NEWS/DECEMBER 1994

Dusenbery 635 TTR slitter-

rewinder to produce 50-

150mm wide reels for coding

and labelling machines.

Web tension control

The polyester film, with its heat

sensitive coating, is 4.6 micron-

thick, which makes web tension

control particularly important,

points out Dusenbery (Shut-

tleworth Road, Bedford M41

011S - tel: 0234-349561, fax:

0234 261844). Peorless Foils'

production director Barrie

Hughes describes the machine

as 'smooth'.

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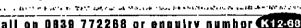
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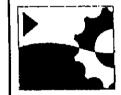
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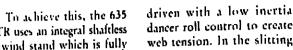
SIMPLEX-TURBULO COMPANY LTD WHERWELL PRIORY, WHERWELL, ANDOVER, HAMPSHIRE SP11 7JH

Hot stamping foils manufacnirer Peerless Foils has entered the thermal transfer ribbon market with the installation of

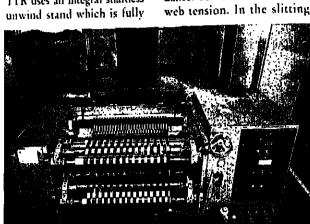
TTR uses an integral shaftless dancer roll control to create

Web tension controls for

thermal transfer ribbons



SLITTING AND REWINDING



Dusenbery 635 TTA siltter-rewinder: smooth running on pe film

section, tension is maintained by an independent system of driven pull rolls while, at the rewind, tension required is pre-programmed and controlled by load cells which automatically adjust torque

Moon dear-eat cool

The machine is a twin turret unit and slits via razor blades, ndividually mounted for case of width changeover. Leader and trailer tapes are inserted automatically in 20 seconds. compared with the two minutes required for a manual operation, says Dusenbery. Currently, the 635 TTR

slitter at Peerless Foils is operating from a 650nim width parent reel. However, coating widths are soon to double to 1300mm and Dusenbery is designing a new generation of slitters to match.



For further K12 Call for data Information 604 0839 77226

the operator replacing a knife

and bearing assembly, without

affecting slitting width, says E

& B (Buckham House, Lenten

Knives lock to give | High speed knife holders fast width change

Reductions of up to 90 per cent in the time taken to make slit width changes are claimed for a system that locks top and bottom knives together as they are moved, preserving the correct cutting relationship and avoiding any need to reset the tools.

Developed by Italian manul'acturer Mario Cotta Engineering, the Expando slitter system employs a small pneumatic cylinder in each top knife holder. For changeover, the cylinders are activated, engaging a lug with a corresponding groove in the bottom knife, so allowing the entire cutting group to be repositioned in one movement, explains UK agent Simplex-Turbulo Co (Wherwell Priory, Wherwell, Hants SP11 7JH - tel: 0264

860186, fax: 0264-860180). Cutting groups are repositioned either by hand against calibrations on the slide rail or,

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suitable for unwind and rewind reel mounting applications. It provides a low cost answer to light

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when the bottom knife is supported on a pneumatic expanding shaft, can be moved remotely via Cotta's Translator system. This mounts behind the slitting heads, automatically moving each to its new position under instructions from a hand-held key pad or comput-

Also now available from Simplex-Turbulo is the Zenit Muster separation roll that allows slit webs to be wound onto a single shaft without risk

of inter-winding. Able to provide a gap up to 2 per cent of initial web width between each slit section, the Muster roll provides an expansion surface of near perfect proportion, says Simplex-Turbulo, by using separate rubber strands held

between inclined bearings.

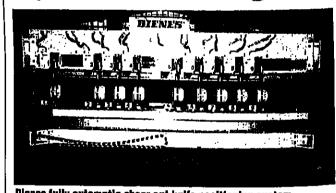
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Pneumatically operated knife holders capable of running at web speeds in excess of 2,000 metres/min with shear cut or crush cut knives have been introduced by Engelmann and Buckham Machinery, UK agent for German manufacturer Dienes.

The PSG-DF model is able o accommodate knives of 130, 150 or 180mm diameter and can be equipped with quick change knives which involve

Street, Alton, Flants GU34 1HH-1 - (el: 0420 82421). When operating with heavy gauge materials, the knife holder can be supplied with additional air cylinder modules to provide increased





Dienes fully automatic shear out kalfe positioning system

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PACKAGING NEWS/DECEMBER 1994

Small diameters at high speed | Spooling gathers trim

Small diameter products such as fax, till and calculator rolls are produced at high speed on the Georg Senn KPW machine, available from UK agent Edlon Machinery.

The machine, which employs the surface winding principle, is completely automatic with operator duties limited to loading new parent reels and filling the hopper with cores. Available

widths up to 1540mm, the KPW is typically able to produce 27 calculator rolls, each 56mm wide and 50 metres long, in 28 sec, says Edlon.

Automatic rewinders for short

lengths of hot-stamping foil,

polypropylene and metallised

foils, as used in the printing

industry, have been announced

by Automated Web Winding,

adding to the company's range

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of equipment for cling film.

rable cycle times for 30 metre and 100 metre rolls 609 2266, fax: 0171 700 4833). are respectively 19 sec and just

while the hot-stamping foil

winder accepts reels up to

635mm wide, or 1000mm wide

Senn KPW automatic

slitter/rewinder, fitted

with an RPM automatic

wrapping device

Auto rewinders lift output by 700% els, both capable of producing two 120 metre long rolls a minute. The version for polypropylene operates with parent reels up to 800mm wide

labour saving replacements for semi-automatic equipment and, in one case have been able to raise output by seven to nine times, says AWW (The Hemmells, Laindon, North Industrial Estate, Basildon, Essex SS15 6TA - tel; 0268 416331,

Grove, London

N7 7AA - tel: 0171

variable speed drive and automatic tension control to provide optimum rewind characteristics independent of the parent stock.

Also available from AWW is a pallet stretchwrap rewinder aimed at the smaller producer.

in. and unit, controlled by

put figures.

accurate web tension and,

KPW to reach high out-

Georg Senn is the

three-turret MPW slitter-

rewinder with centre wind

and offering speeds up to

500 metres/min. There is

memory capacity for up to 50

different jobs, allowing repeat

work to be set up in minimum

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MPW particularly to small

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A twin station spooling system has been developed by Double R Controls to handle edge trim the date or roller, maintains from primary slitting machines, particularly when says Edlon, allows the the parent reel has to be oscillated to reduce the effect of Also available from gauge bands.

Trims from 20 to 130mm can be traverse wound onto spools at speeds in excess of 600 metres/min, providing reels up to 600mm wide and up to 500mm diameter, says Double R Controls (Heywood Business Park, Pilsworth Road, Heywood, Lancs OL10 2S] tel: 0706 623625, fax: 0706 366881). Rewind reel weights over 100kg are often produced. Rolls can also be wound

coreless if required, allowing

trim to be recycled immediately, with no need to remove the core, and avoiding the introduction of board into clean room environments.

The trim spooling system was developed from Double R Controls' spooling equipment for rewinding packaging materials extending from 1.5mm diameter tear tape up to 120mm polypropylene wrapping film, so providing continuous lengths up to 50,000 metres. This reduces changeover time on packaging machinery by providing typically five to ten times the normal length achieved on conventional reels in pancake format.

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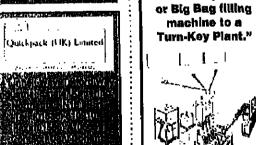
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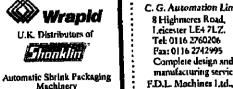
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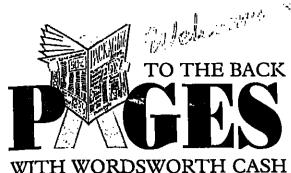
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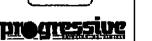
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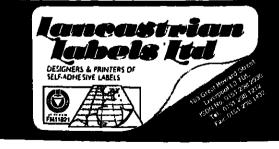
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detection machine (300mm x 200mm capacity (1989). Goring-Kerr Teksmet metal detection
machine (300mm between centres: Avery Berket type H202 L101 digital platform scales, 30kg capacit
(1, ---) Alery Berket Passcan 2 tabel primary. 2 Berket type 661 GB bench platform acaless each with
Berket Frankorons labet printer, Bizerbs type PHT digital weighting-pricing-labelling machine Seral
no 1058847. Avery type L105 palet beam weighting machine with primar 200 kg capacity (1994),
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stainless steel districting unit; Webomatic stainless alsel hot verter dig tarits, Busch type PIII
vaccium pump 500m/hour capacity; Stainless steel motorised belt conveyor 3,000mm capacity x statistics steel destacting unit: Webonatic statistics alsel not water dip tank; Busch type PBI vicuum pump 500m/hour capacity: Statistics alsel motorised belt conveyor 3,000mm capacity; Statistics alsel motorised belt conveyor 3,000mm capacity; 250mm with fash labeling machine. Alignat type HT2 twin-head Edam cutter; Quantity of staniless steel preparation tables, pv; and staniless steel storage bins, inscallaneous equipment; 18 hours type C3086 commercial floor scrubbing machine; (1990). Sectional cold room installation with sectional walls, cellops and kings, Warshouse and snellarly equipment; 28 hotorised L3000 hand operated hydrapitic paties trucks; Quantity of "drive-in" pafiel recking. Caterpillar V40B flouid petrolaum gas fork life trucks; Quantity of "drive-in" pafiel recking. Caterpillar V40B flouid petrolaum gas fork life trucks; 2 Hydroxine type 65 model 6686-800 ordary at compressors; 1998-96.

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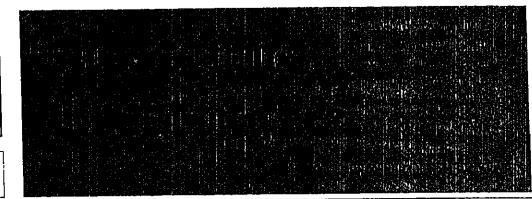
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PACKAGING NEWS/DECEMBER 1994

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January

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CHRISTMAS WHISKY

Continued from front page

The carton was designed by Ferry Pickering on its digital artwork facility. "We challenged Ferry Pickering to produce a visually altractive carton, with a prostigious appearance and instant shelf appeal," says Julian Haswell, director of Old St Andrews."I am delighted with the finished job, which has an aura of quality and a strong brand identity, incorporating the imagery of our unique gold

The pack is said to be proving very popular and sales for the pre-Christmas period have been buoyant with strong demand reported from all outlets.

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Bellows gives secure lock on plastics pump ple, turned on end.

The first all-plastics dispenser pump has been produced by Italian manufacturer Taplast, with a 90deg-turn bellows replacing a spring and allowing secure locking. Using a combination of pp

and pe, the conical dispenser will give consistent measured doses of 2.5ml. Tests have shown that the locking mechanism will support up to 40kg, maintaining its seal in transit and storage. Whether in the open or closed position, it will not leak even when, for exam-SP-28/410 and 28/400 necks. In the not so bleak

An advent calendar version of

the Duodozen multipack, produced for Coca Cola France,

won a Packaging Oscar at the

The bottom face of the

pack from Mead Emballage, France, carries a Christmas

scene, complete with fully-

branded sleigh, which will

function as an advent calendar.

DUAL HEAD IMAGER Continued from front page

is product is transported.

SurePrint software incorporat-

for a consistent, quality print.

Paris Salon de l'Emballage.

Mead winter . . .

According to Taplast, the not used in the contdifferential in area between the ponent, it can be top and base of the pump used on packs for a means that pressure required remains constant throughout much wider range of the act of dispensing at around special liquids.

Taplast is a pro-20 per cent less than on compaducer of custom and standard closures and Colour can be customised dispensers for deteron the dispenser, says Taplast gents, tuiletries, (Ditchling Business Centre, 1 pharmaceuticals and West Street, Ditchling, Sussex BN6 8'FS - tel: 0273 846707, fax: 846582), which can supplied for

The conical dispenser uses a





MANUEL RAIN TRANSPORTER CHICAGOL CHICAG printer remains easy to operate.

original 270i machine. For instance, the latest built in barcode capabilities, which con-Legible and clear print quality is provided by the form to international requirements, provide EAN-8, EAN-13, EAN-128, UPC-A, 12 of 5 and Code 39 options.

process was necessary to pro-

(500 Woodward Avenue, Yate,

Bristol BS17 5YS - tel: 0454

For more news of the Paris

For further K12 Gali for details 144 0839 772268

320000, fax: 320055).

Salon, see pages 6-7.

ed. By monitoring and controlling ink viscosity and each individual dot, the software For legibility, the codes can ensures a high print resolution be printed almost one inch high with human readable characters underneath.

The company believes that this is not a 'me too' product, A redesigned keyboard is but a fundamental change that said to ensure that even with all of its extended capabilities, the

For instance, the code is displayed before printing, so input corrections can be made without wasting time or product. Incorporated in the 273se

an auto flush option, a process which completely flushes and cleans the printhead at shutdown. This fully recirculating ink system requires no additional fluid to perform the cycle.

Depending on matrix and number of lines of print, the

273se can run at line speed to 278 metres a minute w print rate of up to 1832 ch. ters a second. Optimal chi ter heights are 3.2mm to a than 6.4mm. The machine operate in most product environments with an ope ing temperature range between 5 and 43deg C with a rela humidity of 10-90 pera without condensation.

● Pack Expo Report, page®

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